STIC Search Report
EIC 2100

USPTO

STIC Database Tracking Number: 145504

TO: Fred Ehichoya
Location: RND 3B31
Art Unit : 2162
Friday, February 18, 2005

Case Serial Number: 09/825800

From: Geoffrey St. Leger
Location: EIC 2100
Randolph-4B31
Phone: 23450

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Ehichoya,

Attached please find the results of your search request for application 09/825800. I searched Dialog's patent files, technical databases and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B30/308-7800

sira
Search and Information
Resources Administration

14J504

STIC EIC 2100
Search Request Form

Today's Date: 1/18/05	What date would you like to use to limit the search?
	Priority Date: 4/4/2001 Other:

Name FRED EHICHIOYA

AU 2162   Examiner # 79719

Room # RAN 3B31   Phone 2-4034

Serial # 09/825,800

Format for Search Results (Circle One):
(PAPER)   DISK   EMAIL

Where have you searched so far?
(USP) DWPI (EPO) JPO (ACM) (IBM TDB)
(IEEE) INSPEC SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES) NO
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

TRAINING, INFERENCE AND USER INTERFACE FOR GUIDING THE CACHING OF MEDIA CONTENT ON LOCAL STORES.

— The inference system employs collaborative filtering techniques on a temporal history of previously viewed information to assign values to selections in the recommendation list from a higher probability to a lower probability that a user of the system would prefer to view information corresponding to an available selection.

STIC Searcher Geoffrey St. Leger   Phone 23590

Date picked up 2/18/5   Date Completed 2/18/5

```
Set     Items    Description
S1        346    FILTER???(3N)(COLLABORAT? OR COOPERAT? OR CO()OPERAT???)
S2    5329728    PROGRAM? ? OR PROGRAMMING OR SHOW? ? OR TV OR TELEVISION OR
                 MOVIE? ? OR FILM? ? OR VIDEO? ? OR PPV OR SELECTION? ?
S3    7090011    MATERIAL? ? OR CONTENT? ? OR MEDIA OR MULTIMEDIA OR MUSIC -
                 OR SONG? ? OR AUDIO OR DATA OR INFORMATION OR ITEM? ?
S4    1308136    S2:S3(5N)(VIEW??? OR REVIEW??? OR WATCH??? OR SEE OR SEEING
                 OR LOOK??? OR OBSERV??? OR HEAR??? OR LISTEN??? OR ENJOY??? -
                 OR EXPERIENC???)
S5       4061    S2:S3(7N)(RECOMMEND? OR SUGGEST?)
S6        375    S4(7N)(LIKELY OR LIKELIHOOD OR PROBABILITY OR PROBABLE OR -
                 GUESS??? OR PREDICT? OR INFER??? OR INFERENCE? ?)
S7    3451526    TIME OR TIMES OR TEMPORAL? OR PERIOD? ? OR DAY? ? OR WEEK?
                 ? OR WEEKLY OR MORNING OR EVENING OR AFTERNOON OR NIGHT?? OR -
                 PRIMETIME
S8      35895    S7(10N)(VIEW??? OR WATCH??? OR SEE OR SEEING OR LOOK??? OR
                 OBSERV??? OR HEAR??? OR LISTEN??? OR ENJOY??? OR EXPERIENCE??-
                 ?)
S9          1    S1 AND S4 AND S8
S10         8    COLLABORAT? AND S4 AND S8
S11        28    S5 AND S4 AND S8
S12        36    S9:S11
S13        18    S12 AND AC=US/PR
S14        12    S13 AND AY=(1970:2001)/PR
S15        15    S12 AND PY=1970:2001
S16        22    S14:S15
S17        18    S12 AND AC=US
S18        12    S17 AND AY=(1970:2001)
S19         0    S18 NOT S16
S20        57    S6 AND S8
S21        55    S20 NOT S12
S22         8    S21 AND AC=US/PR
S23         7    S22 AND AY=(1970:2001)/PR
S24        34    S21 AND PY=1970:2001
S25        38    S23:S24
```

06667501   **Image available**
ELECTRONIC PROGRAM GUIDE RECEPTION SYSTEM

ABSTRACT

PROBLEM TO BE SOLVED: To allow a user to accurately and efficiently select
and view a channel desired among many channels.

SOLUTION: A data processing section 16 acquires information about a user
operation history including **program   viewing** and **program** recording and
reproduction by user operation and stores the information to a data storage
section 18. In the case that display of a program table is designated from
a remote controller 23, the data processing section 16 discriminates
preference of **program   view** by the user for a predetermined **time** band
such as every hour in the unit of at least program category based on the
newest electronic program guide EPG information extracted from an EPG
decode section 13 and the user operation history information. The **data**
 processing section 16 discriminates ranking of **recommendations** for each
time band for each **program** denoted by the EPG information based on the
discrimination result and allows a display section 14 to display a
 recommended   program list denoting a **program** group in matching with
the user's preference in a two dimensional expression consisting of a time
base axis and a recommended degree axis based on the discrimination result.

06516223   **Image available**
PROGRAM SELECTION CONTROLLER

ABSTRACT

PROBLEM TO BE SOLVED: To present, with a simple constitution **programs**
·similar to those viewed in the past as **recommended   programs** by
selecting **programs** available at a current time and similar to programs
with conditions similar to those of history information, based on the
history **information** and current time **information .**
SOLUTION: A **recommended   program** discrimination means 6 that detects a
detection signal received from a **recommendation** instruction detection
means 9 selects plural **programs** that are available at a current **time**

and similar to those frequency **viewed** for the **time** zone, based on past information supplied from a history information storage means 5 and current time information supplied from a clock means 8. Then the means 6 sequentially selects them as **recommended   programs** in the order of higher similarity and outputs a signal to select channels, on which the programs are broadcast to a channel changeover means 2. The channel changeover means 2 selects a channel, on which a **recommendation   program** is broadcast, based on the switching signal received from the **recommended   program** discrimination means 6 to provide an output of the **recommended   program** to a broadcast reproduction means 3.

16/5/6   (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03146174   **Image available**
SELF-IMPROVING METHOD WHILE **LOOKING   TELEVISION**

PUB. NO.:   02-121674 [JP 2121674 A]
PUBLISHED: May 09, 1990 (**19900509)**
INVENTOR(s):   AIKAWA MASAYUKI
APPLICANT(s):   SERENDEIPUTEI KK [000000] (A Japanese Company or Corporation)
                , JP (Japan)
APPL. NO.:   63-276494 [JP 88276494]
FILED: November 01, 1988 (19881101)
INTL CLASS: [5] A61M-021/02; A63F-009/22; G09B-005/06; G10L-003/00
JAPIO CLASS: 28.2 (SANITATION -- Medical); 30.2 (MISCELLANEOUS GOODS --
                Sports & Recreation); 42.5 (ELECTRONICS -- Equipment)
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &
                Synthesis)
JOURNAL: Section: C, Section No. 742, Vol. 14, No. 334, Pg. 27, July
                18, 1990 (19900718)

ABSTRACT
PURPOSE: To support the achievement of the ideal behavior or consciousness of the person himself extremely naturally by sending the **data** relating to a **suggestion** message in subconsciousness to accumulate the same during a **time   looking** the image and sound of the broadcasting program or video projected on the picture of a television.

CONSTITUTION: The suggestion message due to the character, image and sound stored in an IC cassette (g) is synthesized with the image and sound relating to the broadcasting program, video 3 or family computer 4 projected on the picture of a television 2 to be regenerated instantaneously or by sound outside an audible region so as not to be almost sensed by a viewer. Therefore, consciousness making an effort for improving own behavior and consciousness is not generated at all and the **data** relating to the **suggestion** message is received extremely naturally through subconsciousness. Since the **data** relating to the **suggestion** message is repeatedly and continuously received during **looking** a **television** daily, a considerable quantity of data is accumulated as subconsciousness.

16/5/7   (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01601383   **Image available**
TELEVISION BROADCAST SYSTEM

PUB. NO.:   60-079883 [JP 60079883 A]
PUBLISHED: May 07, 1985 (**19850507)**
INVENTOR(s):   SEKIMOTO TADAHIRO
                MOTOHASHI SHOJI

ABSTRACT

PURPOSE: To attain the **viewing** of plural **programs** at the same **time** or
one of them as required by combining plural programs and transmitting at
the same time them, and expanding one of the programs in response to a cue
signal from a broadcast station at a reception side as desired.

CONSTITUTION: A video signal from a main program source 1 and a subprogram
source 2 is fed respectively to a mixing tube 3 and a compressor 4. The
size of the video signal of the subprogram is compressed and transmitted
while being inserted at a prescribed size at a postion not giving much
effect on the **content** of the main **program** . When it is **recommended** by
a broadcast station that the subprogram is viewed with expansion at the
reception side, the cue signal is superimposed on the video signal. The
reception side separates a synchronizing signal from the video signal
demodulated into a base band, forms an extracting signal so as to extract
the video signal of the subprogram, writes it in a subprogram memory 12 and
also applies it to a switch S(sub 2) with expansion. When the switch S(sub
3) is selected to the position (p), the expanded pattern of the subprogram
appears on a picture tube 15 automatically in response to the reproducion
cue signal.

 16/5/10   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015597109   **Image available**
WPI Acc No: 2003-659264/200362
XRPX Acc No: N03-525560
    Viewer **preference discovering method used in** TV **, involves analyzing**
  time **stamped sequence generated by processor in response to TV control**
  signals
Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)
Inventor: CHANG M; CREED A L; DEW A; GUDORF G; HAUSCH W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030110489	A1	20030612	US 2001781	A	20011029	200362	B

Priority Applications (No Type Date): US 2001781 A 20011029
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030110489	A1		5	H04N-007/25	

Abstract (Basic): US 20030110489 A1
      NOVELTY - The TV control signals from a TV remote control device is
  recorded as a click stream and given to a processor which generates a
  time stamped sequence. The **time** stamped sequence is analyzed for
  discovering **viewer** preferences.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (1) system for discovering viewer preference; and
      (2) **viewer** -friendly **TV** system.
      USE - For hybrid TV/computers, web TV.
      ADVANTAGE - Provides an unobtrusive way to determine viewers
  preferences or **viewers** profile for establishing **TV** setting, **TV**
  program **recommendation** and facilitating marketing function.
      DESCRIPTION OF DRAWING(S) - The figure **shows** a flowchart of
  viewer preference discovering method.

pp; 5 DwgNo 2/7
Title Terms: VIEW; PREFER; DISCOVER; METHOD; TELEVISION; TIME; STAMP;
   SEQUENCE; GENERATE; PROCESSOR; RESPOND; TELEVISION; CONTROL; SIGNAL
Derwent Class: T01; W02; W03
International Patent Class (Main): H04N-007/25
File Segment: EPI

 16/5/11   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015267868   **Image available**
WPI Acc No: 2003-328797/200331
XRPX Acc No: N03-262967
   Television **system for** suggesting **scheduled** television programs ,
   has processor that generates list of programs by sorting program schedule
   based on characteristics of programs, table and selected future time
   period
Patent Assignee: THOMSON LICENSING SA (CSFC); JOHNSON C R (JOHN-I);
   KIEFER M A (KIEF-I); RANDALL D W (RAND-I); THOMPSON W G (THOM-I); WANG C
   (WANG-I)
Inventor: JOHNSON C R; KIEFER M A; RANDALL D W; THOMPSON W G; WANG C
Number of Countries: 101 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020188947	A1	20021212	US 2001879573	A	20010612	200331	B
WO 2002102067	A1	20021219	WO 2002US18308	A	20020607	200331	
EP 1400111	A1	20040324	EP 2002737447	A	20020607	200421	
			WO 2002US18308	A	20020607		
KR 2004017231	A	20040226	KR 2003716234	A	20031211	200439	
BR 200210275	A	20040720	BR 200210275	A	20020607	200451	
			WO 2002US18308	A	20020607		
AU 2002310376	A1	20021223	AU 2002310376	A	20020607	200452	
JP 2004530395	W	20040930	WO 2002US18308	A	20020607	200465	
			JP 2003504670	A	20020607		
CN 1515113	A	20040721	CN 2002811632	A	20020607	200468	
MX 2003011373	A1	20040401	WO 2002US18308	A	20020607	200478	
			MX 200311373	A	20031209		

Priority Applications (No Type Date): US 2001879573 A 20010612
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20020188947	A1 14	H04N-005/445	
WO 2002102067	A1 E	H04N-005/445	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
   OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
   ZA ZM ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1400111	A1 E	H04N-005/445	Based on patent WO 2002102067

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

KR 2004017231	A	H04N-005/445	
BR 200210275	A	H04N-005/445	Based on patent WO 2002102067
AU 2002310376	A1	H04N-005/445	Based on patent WO 2002102067
JP 2004530395	W 39	H04N-005/445	Based on patent WO 2002102067
CN 1515113	A	H04N-005/445	
MX 2003011373	A1	H04N-005/445	Based on patent WO 2002102067

Abstract (Basic): US 20020188947 A1
       NOVELTY - The table of the characteristic weights for the user is
   stored and incremented periodically based on the television program
   schedule. An user interface selects a future time period for requesting
   a list of the selected programs. A processor generates the list of the
   programs by sorting the schedule based on the received data, the table

and the selected future time.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
television program schedule sorting method.
        USE - For **selection** of **television** **programs** for **viewing** , for
DirecTV systems.
        ADVANTAGE - Permits the user to select a broadcast **time** **period**
and/or suggestion mode which results in learning the **viewers** habit
automatically. Since the suggestion mechanism is limited to a specific
time the burden on the system is reduced and quicker processing is
enabled.
        DESCRIPTION OF DRAWING(S) - The figure shows a screen display for
broadcast time period entry by user.
        pp; 14 DwgNo 1/7
Title Terms: TELEVISION; SYSTEM; SCHEDULE; TELEVISION; PROGRAM; PROCESSOR;
  GENERATE; LIST; PROGRAM; SORT; PROGRAM; SCHEDULE; BASED; CHARACTERISTIC;
  PROGRAM; TABLE; SELECT; FUTURE; TIME; PERIOD
Derwent Class: T01; W03
International Patent Class (Main): H04N-005/445
International Patent Class (Additional): G06F-017/30; H04N-007/025;
  H04N-007/03; H04N-007/035
File Segment: EPI

 16/5/13   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014698746
WPI Acc No: 2002-519450/200255
XRPX Acc No: N02-411148
  **Method of managing a user profile by recording a number of viewing
  history windows of** observed **user behavior each corresponding to a
  different** time **interval**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: SCHAFFER J D
Number of Countries: 024 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200242959	A2	20020530	WO 2001EP13418	A	20011116	200255	B
KR 2002070496	A	20020909	KR 2002709369	A	20020720	200311	
EP 1340179	A2	20030903	EP 2001991738	A	20011116	200365	
			WO 2001EP13418	A	20011116		
JP 2004515145	W	20040520	WO 2001EP13418	A	20011116	200434	
			JP 2002545412	A	20011116		

Priority Applications (No Type Date): US 2000718256 A 20001122
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200242959 A2 E   23 G06F-017/60
    Designated States (National): CN JP KR VN
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE .TR
KR 2002070496 A   H04N-005/44
EP 1340179   A2 E   G06F-017/60   Based on patent WO 200242959
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE TR
JP 2004515145 W   40 H04N-007/173 Based on patent WO 200242959

Abstract (Basic): WO 200242959 A2
        NOVELTY - The history windows may record **television** programs
watched , or purchases made, by the user in different **time** intervals.
The user's reactions, e.g. like of dislike, may also be recorded. The
history may indicate the number of times different features of behavior
is undertaken by the user and any features with below a given number of
occurrences are deleted from the profile. The profile is then used to
recommend **programs** that the user is likely to enjoy.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
system for managing a user profile.

```
        USE - Recommending  television  programs .
        ADVANTAGE - Maintains viewing histories in a more efficient manner.

           pp; 23 DwgNo 0/8
Title Terms: METHOD; MANAGE; USER; PROFILE; RECORD; NUMBER; VIEW; HISTORY;
   WINDOW; OBSERVE; USER; BEHAVE; CORRESPOND; TIME; INTERVAL
Derwent Class: T01; W03
International Patent Class (Main): G06F-017/60; H04N-005/44; H04N-007/173
International Patent Class (Additional): G06F-017/30; H04N-017/00
File Segment: EPI
```

16/5/14   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

```
014650534    **Image available**
WPI Acc No: 2002-471238/200250
XRPX Acc No: N02-372040
```
  Automatically identifying changes in viewer preferences for television
  program recommender **in way that provides more efficient management
  viewing history storage**
```
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG  )
Inventor: KURAPATI K
Number of Countries: 023  Number of Patents: 005
Patent Family:
Patent No      Kind  Date     Applicat.No     Kind   Date     Week
WO 200225939   A2    20020328 WO 2001EP10413  A      20010907 200250  B
KR 2002056926  A     20020710 KR 2002706446   A      20020520 200304 ·
CN 1404687     A     20030319 CN 2001803814   A      20010907 200344
EP 1323300     A2    20030702 EP 2001985316   A      20010907 200344
                              WO 2001EP10413  A      20010907
JP 2004509578  W     20040325 WO 2001EP10413  A      20010907 200422
                              JP 2002529020   A      20010907


Priority Applications (No Type Date): US 2000666630 A 20000920
Patent Details:
Patent No  Kind Lan Pg   Main IPC    Filing Notes
WO 200225939 A2 E  18 H04N-005/445
   Designated States (National): CN JP KR
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
   MC NL PT SE TR
KR 2002056926 A         H04N-005/44
CN 1404687     A         H04N-005/445
EP 1323300     A2 E      H04N-005/445  Based on patent WO 200225939
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
   LU MC NL PT SE TR
JP 2004509578 W     39 H04N-005/445  Based on patent WO 200225939
```

```
Abstract (Basic): WO 200225939 A2
       NOVELTY - Once changing viewing preferences are identified, a
   programming recommender can adapt the generated television program
    recommendations to so changes in viewing preferences. For cyclical
   or periodic changes in viewing preferences, the recommender
   generates television . program  recommendations using a sub-set of
   the viewing history from a corresponding earlier time period . For
   true or permanent changes in viewing preferences, the recommender
   optionally generates television program recommendations using the
   most recent sub-set of the viewing history.
       USE - To automatically identify changes in viewing preferences
   for television system.
       ADVANTAGE - More efficient management of storage of the viewing
   history. Can delete obsolete parts of the viewing history without loss
   of any performance in the generated recommendations.
       DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of
   the recommendation system used to implement the method.
       pp; 18 DwgNo 1/4
Title Terms: AUTOMATIC; IDENTIFY; CHANGE; VIEW; TELEVISION; PROGRAM; WAY;
```

MORE; EFFICIENCY; MANAGEMENT; VIEW; HISTORY; STORAGE
Derwent Class: W03
International Patent Class (Main): H04N-005/44; H04N-005/445
International Patent Class (Additional): H04N-007/16
File Segment: EPI

 16/5/15   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014487944   **Image available**
WPI Acc No: 2002-308647/ **200235**
XRPX Acc No: N02-241546
 Broadcast program recommendation **device for** television **receivers,**
 judges program **to be broadcasted currently, based on program**
 information and program time information
Patent Assignee: VICTOR CO OF JAPAN (VICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001275048 A   20011005 JP 200085382   A   20000324 200235 B

Priority Applications (No Type Date): JP 200085382 A 20000324
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001275048 A   9 H04N-005/44

Abstract (Basic): JP 2001275048 A
      NOVELTY - A channel switching detector (7) controls a switching
unit (2) which selects program of a channel. The program information of
the selected channel is stored in a memory (5), based on the program
time and the detector output. A judging unit (6) judges the program
which is to be broadcasted currently, based on the stored time and the
program information.
      USE - For **television** receivers for **recommending   viewer** 's
preference broadcast **program** from CS, BS and cable TV.
      ADVANTAGE - Enables broadcasting a suitable **program** to the
 viewer within the desired **time** .
      DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of
a broadcast **program   recommendation** device. (Drawing includes
non-English language text).
      Switching unit (2)
      Memory (5)
      Judging unit (6)
      Channel switching detector (7)
      pp; 9 DwgNo 1/5
Title Terms: BROADCAST; PROGRAM; DEVICE; TELEVISION; RECEIVE; JUDGEMENT;
  PROGRAM; CURRENT; BASED; PROGRAM; INFORMATION; PROGRAM; TIME; INFORMATION
Derwent Class: W02; W03; W04
International Patent Class (Main): H04N-005/44
International Patent Class (Additional): H04H-001/00; H04H-009/00;
  H04N-005/00
File Segment: EPI

 16/5/20   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011962492   **Image available**
WPI Acc No: 1998-379402/ **199833**
XRPX Acc No: N98-296700
 Electronic programming guide which operates on computing platform
 associated with television - uses platform to access program listing
 database containing information for different television programs ,
 and includes database containing viewer profiles and suggest **module**
 which generates preferred schedule using viewer profile

Patent Assignee: TEXAS INSTR INC (TEXI)
Inventor: KILLIAN R T; KILLIA R T
Number of Countries: 029 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 854645	A2	19980722	EP 98300018	A	19980105	199833	B
JP 10207914	A	19980807	JP 9831914	A	19980105	199842	
SG 67469	A1	19990921	SG 9810	A	19980102	199945	
KR 98070327	A	19981026	KR 9828	A	19980103	199952	
US 6163316	A	20001219	US 9734480	A	19970103	200102	
			US 97943661	A	19971003		
TW 435046	A	20010516	TW 97120112	A	19980213	200170	

Priority Applications (No Type Date): US 9734480 P 19970103; US 97943661 A
  19971003
Cited Patents: No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 854645	A2	E	18	H04N-005/445	

    Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
    LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10207914	A		18	G06F-017/30	
SG 67469	A1			H04N-005/445	
KR 98070327	A			H04N-005/765	
US 6163316	A			H04N-007/10	Provisional application US 9734480
TW 435046	A			G06F-017/30	

Abstract (Basic): EP 854645 A
      The electronic programming guide for computing platform associated
    with a television, the platform operable to access a program listing
    database containing program listing information for a plurality of
    television programs, has a profile database for storing a viewer
    profile. A suggest module is coupled to the profile database for
    accessing the **viewer** profile and the **program** listing **information**
    and, in response, generates a preferred schedule according to the
    viewer profile and the **program** listing **information** . The preferred
    schedule is indicative of the desirability of a particular program
    relative to other programs.
      A profile module receives **viewer** preference **information** and, in
    response, generates the **viewer** profile. The profile module is
    operable to provide a preference template to the **viewer** for receiving
    the **viewer** preference **information** . The **viewer** profile includes a
    ranking corresponding to an option selected from the group consisting
    of a genre option, an actor option, a sports team option, and a keyword
    option.
      ADVANTAGE - Generates profiles for different viewers and likely
    schedule to appeal to each. Allows **viewer** to tune to more preferable
    programming at any **time** during **viewing** session. **Viewer** need not
    block entire channel to restrict **viewing** of undesirable **programs** to
    certain user such as child.
      Dwg.3/7
Title Terms: ELECTRONIC; PROGRAM; GUIDE; OPERATE; COMPUTATION; PLATFORM;
  ASSOCIATE; TELEVISION; PLATFORM; ACCESS; PROGRAM; LIST; DATABASE; CONTAIN
  ; INFORMATION; TELEVISION; PROGRAM; DATABASE; CONTAIN; VIEW; PROFILE;
  MODULE; GENERATE; PREFER; SCHEDULE; VIEW; PROFILE
Derwent Class: T01; W01; W03; W04
International Patent Class (Main): G06F-017/30; H04N-005/445; H04N-005/765;
  H04N-007/10
International Patent Class (Additional): H04N-005/44; H04N-007/173
File Segment: EPI

 16/5/21   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011407705
WPI Acc No: 1997-385612/ **199735**
XRPX Acc No: N97-320990

Automated collaborative filtering **for selective World Wide Web advertising – using characteristics of user's activities in interactive medium to assign them to community of people of similar likes and then display advert determined to be of interest**

Patent Assignee: ROBINSON G B (ROBI-I); ATHENIUM LLC (ATHE-N)
Inventor: ROBINSON G B
Number of Countries: 074   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9726729	A2	19970724	WO 96US20429	A	19961226	199735	B
AU 9715665	A	19970811	AU 9715665	A	19961226	199747	
US 5918014	A	19990629	US 959286	A	19951227	199932	
			US 9612517	A	19960229		
			US 96774180	A	19961226		

Priority Applications (No Type Date): US 9612517 P 19960229; US 959286 P 19951227; US 96774180 A 19961226
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9726729	A2	E	26	H04L-000/00	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

Patent No	Kind			Main IPC	Filing Notes
AU 9715665	A			H04L-029/00	Based on patent WO 9726729
US 5918014	A			G06F-015/163	Provisional application US 959286
					Provisional application US 9612517

Abstract (Basic): WO 9726729 A
    The World Wide Web allows advertisements to be presented to users and also collection of information about users. The advertisements selected by users and the **time** they **observe** the **material** can be traced along with other information supplied by the user. The data can be analysed to identify communities of user that respond in similar manner to certain types of advertisements.
    This knowledge can then be used with Smart Ad Boxes to show only adverts related to his or her particular consumer community. The data can also be collected within the user's own browser software so that selections are within the user control and do not breach privacy concerns.
    USE/ADVANTAGE - Provides intelligent and selective presentation of advertising material by identifying user's interests. Can be combined with systems using age, gender, Internet domain etc.

06789041   **Image available**
PROGRAM INFORMATION PROCESSOR, ITS METHOD, AND RECORDING MEDIUM RECORDING
THE PROGRAM

PUB. NO.:   2001-016522 [JP 2001016522 A]
PUBLISHED: January 19, 2001 (**20010119)**
INVENTOR(s):   MURAI YUUKI
APPLICANT(s): NEC CORP
APPL. NO.:   11-186567 [JP 99186567]
FILED: June 30, 1999 (19990630)
INTL CLASS: H04N-005/445; H04N-007/025; H04N-007/03; H04N-007/035

ABSTRACT

PROBLEM TO BE SOLVED: To provide a program information processor, its
method and recording medium recording its program, which match the
preference of a user and can display speedily in the contents of a program
explanation by previously storing the contents of **program** explanation
predicted to be **viewed** and storing also the number of displaying **times**
according to the instruction of a user in a statistic information storing
part as for the contents of the program explanation display-requested
before.

SOLUTION: This processor has a statistic information update means 163 for
calculating a score for each program so that the score may be raised in the
order of becoming newer of the viewing date of the program based on the
number of the **viewing times** of a program by a user and the number of
viewing times of the contents of the program explanation by the user
and for sequencing as for each program based on the score, and a program
explanation content obtaining means 164 for obtaining the contents of the
program explanation corresponding to a program to store in a program
explanation content storing part 153 when an order is equal to or higher
than a prescribed order.

06018732   **Image available**
HYPER MEDIA DOCUMENT LOOK-AHEAD DEVICE AND RECORDING MEDIUM THEREFOR

PUB. NO.:   10-301832 [JP 10301832 A]
PUBLISHED: November 13, 1998 (**19981113)**
INVENTOR(s):   SAEGUSA TAMON
APPLICANT(s): KOBE NIPPON DENKI SOFTWARE KK [000000] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   09-109286 [JP 97109286]
FILED: April 25, 1997 (19970425)
INTL CLASS: [6] G06F-012/00; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT
PROBLEM TO BE SOLVED: To eliminate the increase of the load on a whole
system when the look-ahead of data intended by a user is not operated at
the **time** of the **look** - ahead of scene **data** by **predicted** information.

SOLUTION: A hyper media document terminal device 3 is connected to a hyper
media document server 1, and scene data are acquired and displayed at a
display device 9. The hyper media document terminal equipment 3 which
receives the look-ahead instruction of the next scene decided by a user
waits for the completion of the reading of present scene data, and acquires

the next scene data from the hyper media document server 1. The user reads the present scene, and then transmits a look-ahead document display instruction to the hyper media document terminal equipment 3, and the next scene is displayed

25/5/22   (Item 22 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

02291233
INFERENCE SYSTEM

PUB. NO.:   62-208133 [JP 62208133 A]
PUBLISHED: September 12, 1987 (**19870912)**
INVENTOR(s):   ISHII SHIGEO
APPLICANT(s):   ISHII SHIGEO [000000] (An Individual), JP (Japan)
APPL. NO.:   61-050656 [JP 8650656]
FILED: March 10, 1986 (19860310)
INTL CLASS: [4] G06F-009/44; G06F-007/28
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
                45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 672, Vol. 12, No. 68, Pg. 34, March
                03, 1988 (19880303)

ABSTRACT
PURPOSE: To reduce the volume of calculation to obtain an inference result within a short period and to reduce the storage capacity to required minimum by executing the inference directly when the same experience as the inference did not exist in the past, and automatically storing only an effective inference result.

CONSTITUTION: An inference mechanism part executes real **inference** , a retrieving mechanism pat retrieves **data** registered in an **experience** table and a detecting mechanism part detects the degree of jam of the inference **time** and the inference mechanism and that of an **experience** table detecting **time** and the retrieving mechanism. A control table is provided with a decision table, an experience table, an environment table, and a working table. When an inference is applied, necessary decision is executed and whether the actual inference is to be executed or the inference result experiences in the past is to be utilized is determined. At the time of execution of the inference, necessary decision is executed and the inference result or the like is additionally registered in the experience table in accordance with the decided result.

25/5/26   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014572752   **Image available**
WPI Acc No: 2002-393456/200242
XRPX Acc No: N02-308507
  Video system has promotion module storing viewer **profile and associated promotion content for selection depending on** day **and time**
Patent Assignee: KEEN PERSONAL MEDIA INC (KEEN-N)
Inventor: KRAPF R M
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200203677	A2	20020110	WO 2001US20059	A	20010621	200242	B
AU 200177848	A	20020114	AU 200177848	A	20010621	200242	

Priority Applications (No Type Date): US 2000608819 A 20000630
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200203677	A2	E	17	H04N-000/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA

CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200177848 A   H04N-000/00   Based on patent WO 200203677

Abstract (Basic): WO 200203677 A2
        NOVELTY - System comprises a set-top video receiver, a video data
    input port, an output port for a display and a preference engine
    coupled to the input port tracking viewer selections and creating a
    viewer profile.
        DETAILED DESCRIPTION - A promotion module coupled to the engine and
    output port selects preferred promotion content from premium contents
    in response to the viewer profile, stores it and displays it as video
    clips, trailers, actors etc. to entice the viewer to watch an
    associated premium content (conditional access video contents). A
    module scrambles the conditional access video content before recording
    it and a second scrambler de-scrambles it when an access condition is
    fulfilled, i.e. payment of a fee.
        USE - System is for displaying video data.
        ADVANTAGE - System makes it more **likely** that the **viewer**
watches premium **content** .
        DESCRIPTION OF DRAWING(S) - The figure shows the system.
        pp; 17 DwgNo 1/3

```
File 348:EUROPEAN PATENTS 1978-2005/Feb W01
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210
        (c) 2005 WIPO/Univentio

Set    Items    Description
S1      1188    FILTER???(3N)(COLLABORAT? OR COOPERAT? OR CO()OPERAT???)
S2   1411103    PROGRAM? ? OR PROGRAMMING OR SHOW? ? OR TV OR TELEVISION OR
                MOVIE? ? OR FILM? ? OR VIDEO? ? OR PPV OR CONTENT? ? OR MEDIA
                OR MULTIMEDIA
S3    342470    S2(5N)(VIEW??? OR REVIEW??? OR WATCH??? OR SEE OR SEEING OR
                LOOK??? OR OBSERV???)
S4     14214    S2(5N)(RECOMMEND? OR SUGGEST?)
S5      1379    S3(7N)(LIKELY OR LIKELIHOOD OR PROBABILITY OR PROBABLE OR -
                GUESS??? OR PREDICT? OR INFER??? OR INFERENCE? ?)
S6   1246859    TIME OR TIMES OR TEMPORAL? OR PERIOD? ? OR DAY? ? OR WEEK?
                ? OR WEEKLY OR MORNING OR EVENING OR AFTERNOON OR NIGHT?? OR -
                PRIMETIME
S7     34615    S6(7N)(VIEW??? OR WATCH???)
S8         6    S1(50N)S3(50N)S7
S9       181    S3(50N)S4(50N)S7
S10       29    S9/AB,CM
S11       98    S5(50N)S7
S12        8    S11/AB,CM
S13       39    S8 OR S10 OR S12
S14       34    S13 AND AC=US/PR
S15       24    S14 AND AY=(1970:2001)/PR
S16       14    S13 AND PY=1970:2001
S17       26    S15:S16
```

DIALOG(R)File 348:EUROPEAN PATENTS

01138372
Interactive system for selecting television programmes
Interaktives System zur Auswahl von Fernsehprogrammen
Systeme interactif pour selectionner des programmes de television
PATENT ASSIGNEE:
   4TV Limited, (3076880), 1 & 2 Brickfield Business Centre 60 Manchester
     Road, Northwich, Cheshire CW9 7LS, (GB), (Proprietor designated states:
     all)
INVENTOR:
   AUSTIN, Kenneth, Weaverham Grange, 7 Beechwood Avenue, Hartford,
     Northwich, Cheshire CW8 3AR, (GB)
LEGAL REPRESENTATIVE:
   Cardwell, Stuart Martin et al (52502), Roystons, Tower Building, Water
     Street, Liverpool, L3 1BA, (GB)
PATENT (CC, No, Kind, Date): EP 1099338 A1 010516 (Basic)
                              EP 1099338 B1 040324
                              WO 2000010327 000224
APPLICATION (CC, No, Date):   EP 98949111 981021; WO 98GB3140 981021
PRIORITY (CC, No, Date): GB 9817421 980811
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
   LU; MC; NL; PT; SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
       (EP 2003024184)
       (EP 2003024185)
       (EP 2003024186)
       (EP 2003024187)
       (EP 2004006825)
       (EP 2004006826)
       (EP 2004006827)
       (EP 2004006828)
INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-005/775; H04N-007/173;
   H04N-005/00; H04N-005/44
NOTE:
   No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
       CLAIMS B (English) 200413   634
       CLAIMS B (German)   200413   640
       CLAIMS B (French)   200413   705
       SPEC B   (English) 200413   10792
Total word count - document A   0
Total word count - document B   12771
Total word count - documents A + B   12771

...CLAIMS B1
  1. A system for selecting **television   programs** for **viewing**
     comprising means (CPU, M, 87) for storing viewing preferences, means
     for using stored viewing preferences to generate an electronic list
     and characterised in that the **view** list is comprised of **program
     suggestions** for what to **watch** or record based on what is usually
     watched at a particular **time** on any **day** , and in that the system
     further comprises means (119) for the user to mark a broadcast
     program currently being displayed, means for using said marking to
     add said marked current **program** to said **view** list, and means (85)
     for displaying the view list.
  2. A system as claimed in claim 1...

DIALOG(R)File 348:EUROPEAN PATENTS

00637534

REPROGRAMMABLE TERMINAL FOR SUGGESTING PROGRAMS OFFERED ON A TELEVISION
    PROGRAM DELIVERY SYSTEM
WIEDERHOLT PROGRAMMIERBARES ENDGERAT FUR PROGRAMMVORSCHLAGE EINES
    VERTEILSYSTEMS FUR FERNSEHPROGRAMME
TERMINAL REPROGRAMMABLE DESTINE A SUGGERER DES PROGRAMMES PRESENTES DANS UN
    SYSTEME DE DISTRIBUTION DE PROGRAMMES DE TELEVISION
PATENT ASSIGNEE:
  DISCOVERY COMMUNICATIONS, INC., (1818010), 7700 Wisconsin Avenue,,
    Bethesda, MD 20814-3522, (US), (Proprietor designated states: all)
INVENTOR:
  HENDRICKS, John, S., 8723 Persimmon Tree Road, Potomac, MD 20854, (US)
  BONNER, Alfred, E., 8300 Bradley Boulevard, Bethesda, MD 20817, (US)
  WUNDERLICH, Richard, E., 290 Sweet Briar Court, Alpharetta, GA 30201,
    (US)
LEGAL REPRESENTATIVE:
  Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538
    Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 673582 A1 950927 (Basic)
                              EP 673582 B1 000301
                              WO 9414284 940623
APPLICATION (CC, No, Date):   EP 94903407 931202; WO 93US11708 931202
PRIORITY (CC, No, Date): US 991074 921209
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; NL; PT;
  SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
  EP 909095 (EP 98121389)
INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/173
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200009	3109
CLAIMS B	(German)	200009	2717
CLAIMS B	(French)	200009	3772
SPEC B	(English)	200009	20401
Total word count - document A			0
Total word count - document B			29999
Total word count - documents A + B			29999

...CLAIMS and
  means for indicating one or more programs meeting a predetermined weight
    related threshold, wherein all other **programs** are excluded from
    program suggestion .
  16. The apparatus of claim 15 wherein the means for transforming
      integrates the personal profile information and...

...any of claims 14 to 16, wherein the subscriber specific data further
    comprises the subscriber's desired **program viewing time** frame
    and desired **program** length and wherein the means for comparing
    comprises means for excluding **programs** for **suggestion** that are
    not in the subscriber's desired **viewing time** frame and desired
    length.
  18. The apparatus of any of claims 1 to 17, wherein the subscriber...

...data.
  19. The apparatus of any of claims 1 to 18, wherein the subscriber
      specific data includes **program watched** data.
  20. The apparatus of any of claims 1 to 19 for **suggesting programs** to
      subscribers of a **television** program delivery system (200) by
      searching program abstracts stored in a database for key words mapped
      from...from a main menu.
  37. The method of any of claims 33 to 36 used in a **television program**
      delivery system (200) for **suggesting programming** to subscribers,
      wherein the subscriber specific data is gathered by learning a
      subscriber's viewing habits and **suggesting programs** to a
      subscriber using the subscriber specific data, and wherein the step
      of gathering subscriber specific data comprises:

gathering subscriber historical data indicative of a subscriber's
viewing habits, wherein the subscriber historical data is **time** and
date sensitive;

and the step of generating subscriber programming preferences
comprises:
analyzing the subscriber historical data...

...The method of claim 37, wherein the subscriber historical data is
selected from the group consisting of **programs** **watched** data and
channel **watched** data.
39. The method of any of claims 33 to 38 wherein the program control
information includes...

...from a remote location.
40. The method of any of claims 33 to 39, used in a **television** **program**
delivery system (200) for **suggesting** **programming** to subscribers
by searching **television** program abstracts stored in a database for
programs which correlate to key words mapped from subscriber specific
...

17/3,K/5   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01013358   **Image available**
**METHOD   AND   APPARATUS   FOR   RECOMMENDING   ITEMS   OF   INTEREST   BASED   ON
PREFERENCES OF A SELECTED THIRD PARTY**
**PROCEDE ET DISPOSITIF PERMETTANT DE RECOMMANDER DES ARTICLES PRESENTANT UN
INTERET EN FONCTION DES PREFERENCES D'UN TIERCE PARTIE CHOISIE**
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  GUTTA Srinivas V R, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,
    Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200343333 A1 20030522 (WO 0343333)
  Application: WO 2002IB4423 20021022 (PCT/WO IB0204423)
  Priority Application: US 200114202 20011113
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4439

Fulltext Availability:
  Detailed Description

Detailed Description
... viewer, in a non-obtrusive manner. Explicit television program
recommendation tools, on the other hand, explicitly question **viewers**
about their preferences for **program** attributes, such as title, genre,
actors, channel and date/ **time** , to derive **viewer** profiles and generate
recommendations.

When selecting an item of interest, individuals are often influenced by
the selections...

...trendsetters" often influence the viewing or purchase habits of others.
Online retailers, such as Amazon.com, employ **collaborative   filtering**
techniques to recommend additional items to a customer based on
selections made by other people who purchased...purchased this product
also purchased certain other products.

In addition, many individuals often wish that they had **watched** a
television   program that was **watched** by a friend or colleague. There
is currently no mechanism, however, to recommend television programs or
other...

 17/3,K/7   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01006867   **Image available**
**METHOD   AND   SYSTEM   FOR   PRESENTING   PERSONALIZED   TELEVISION   PROGRAM
    RECOMMENDATION TO VIEWERS**
**PROCEDE   ET   SYSTEME   POUR   PRESENTER   DES   RECOMMANDATIONS   DE   PROGRAMMES
    TELEVISES PERSONNALISES A DES TELESPECTATEURS**
Patent Applicant/Assignee:
  PREDICTIVE NETWORKS INC, 689 Massachusetts Avenue, Cambridge, MA 02139,
    US, US (Residence), US (Nationality)
Patent Applicant/Inventor:
  THURSTON Nathaniel J, 40 Cedar Street No. 2 Right, Somerville, MA 02143,
    US, US (Residence), US (Nationality)
  HOSEA Devin, 3 Gloucester Street No. 19, Boston, MA 02115, US, US
    (Residence), US (Nationality)
  RENGER Thomas L, 12 Ellery Street # 405, Cambridge, MA 02138, US, US
    (Residence), US (Nationality)
Legal Representative:
  JACOBS David (et al) (agent), Lucash, Gesmer & Updegrove LLP, 40 Broad
    Street, Boston, MA 02109, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200336970 A1 20030501 (WO 0336970)
  Application: WO 2002US32529 20021011 (PCT/WO US0232529)
  Priority Application: US 2001336270 20011025
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 2552

Fulltext Availability:
  Claims

Claim
... user profile storage adapted to store viewer/user profiles having
  viewer/user characteristic information and indicia of **programs**
  previously viewed by
  viewers/users serviced by said service provider;
  d) a program recommendation information generator adapted to generate
  program   recommendation information to users, said **program
  recommendation** information being adapted to be converted and displayed
  via an EPG, and said **program   recommendation** information at least

comprising one **program** **recommendation** based upon a user's profile and
at least one user profile of another user having predefined...
characteristics include at least one viewer/user program preference.

16 The system in Claim 9, wherein said **program** **recommendation**
infonnation generator is further adapted to substitute the **program**
recommendation information with **program** **recommendation** information
to ·**recommend** **programs** according to agreement between said service
provider and program content providers or agents of program content
providers...

17/3,K/9 **(Item 5 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00967963 **Image available**
TELEVISION PROGRAM SELECTION APPARATUS AND METHOD
DISPOSITIF ET PROCEDE DE SELECTION D'EMISSION TELEVISEE
Patent Applicant/Assignee:
  THOMSON LICENSING S A, 46, quai A. Le Gallop, F-92648 Boulogne Cedex, FR,
    FR (Residence), FR (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  WANG Chunzhi, 9430A Notre Dame Drive, Indianapolis, IN 46240, US, US
    (Residence), CN (Nationality), (Designated only for: US)
  RANDALL Darrel Wayne, 2324 W. US Highway 36, Danville, IN 46122, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KIEFER Marc Aaron, 763 Pioneer Woods Drive, Indianapolis, IN 46224, US,
    US (Residence), US (Nationality), (Designated only for: US)
  THOMPSON Wanda Green, 8728 Bergeson Drive, Indianapolis, IN 46278, US, US
    (Residence), US (Nationality), (Designated only for: US)
  JOHNSON Carolynn Rae, 10736 Cornerstone Court, Indianapolis, IN 46280, US
    , US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  TRIPOLI Joseph S (et al) (agent), Thomson Multimedia Licensing Inc., P.O.
    Box 5312, Princeton, NJ 08540, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2002102067 A1 20021219 (WO 02102067)
  Application: WO 2002US18308 20020607 (PCT/WO US0218308)
  Priority Application: US 2001879573 20010612
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5347

Fulltext Availability:
  Claims
Claim
... characteristics are Topic and Theme, and said television program
  schedule data and said characteristics data for said **television**
  program being **viewed** by said user include relevancy data, and said
  characteristics weights are the sum of the number of time **periods** a
  program having a Topic-Theme is **viewed** by a user **times** relevancy of
  said Topic-Theme.

8 The apparatus of claims I further including means to identify one...

...The apparatus of claim I wherein one or more programs can be selected
from said list of **suggested programs** displayed at said user interface
and added to a user plan to view list.

10 A method for sorting a television program schedule to assist a user in
selecting a **television program** for **viewing** or recording based on
characteristics of **television programs**
previously **watched** by said **viewer** comprising the steps of:
receiving a schedule of television programs to be broadcast comprising
scheduled
broadcast time...in order of characteristic weights.
14 The method of claim 10 wherein upon sorting a list of **suggested
programs** is displayed. and a user may select a program from said list,
whereupon said user is reminded...

...and topic-theme relevance factors.

16 The method of claim 10 wherein characteristic weights are based on
time watched and relevancy factors on a scale of I to 10 of
characteristics of **programs watched** by a user.

17 The method of claims 10 wherein said characteristic weights are stored
in counters which are incremented by a relevancy factor for each **time
period** during which a user **views** a **television program** having a
characteristic and a characteristic relevancy factor included in
said program's broadcast information.

18 The...

17/3,K/10   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00967962   **Image available**
**A METHOD AND APPARATUS FOR GENERATING A LIST OF SUGGESTED SCHEDULED
    TELEVISION PROGRAMS**
**PROCEDE ET DISPOSITIF DE GENERATION D'UNE LISTE DE PROGRAMMES TELEVISES
    PROGRAMMES CONSEILLES**
Patent Applicant/Assignee:
  THOMSON LICENSING S A, 46, Quai A. Le Galo, F-92648 Boulogne Cedex, FR,
    FR (Residence), FR (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  WANG Chunzhi, 9430A Notre Dame Drive, Indianapolis, IN 46240, US, US
    (Residence), CN (Nationality), (Designated only for: US)
  RANDALL Darrel Wayne, 2324 W. US Highway 36, Danville, IN 46122, US, US
    (Residence), US (Nationality), (Designated only for: US)
  MCLANE Michael Joseph, 720 Sherwood Drive, Indianapolis, IN 46240, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  TRIPOLI Joseph S (et al) (agent), Thomson Multimedia Licensing
    Incorporated, P.O. Box 5312, Princeton, NJ 08540, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2002102066 A1 20021219 (WO 02102066)
  Application: WO 2002US18301 20020607 (PCT/WO US0218301)
  Priority Application: US 2001879288 20010612
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM

English Abstract
  A system and method for generating a list of **suggested** scheduled
  television programs wherein **television** schedule guide data which
  comprises characteristics of scheduled programs and optionally relevancy
  of those characteristics is obtained from broadcast information. User
  profiles comprising characteristics of **television programs** previously
  viewed , the cumulative amount of **time programs** having those
  characteristics has been previously **viewed** , and optionally the
  relevancy of the previously viewed characteristics is stored. The user is
  allowed to manually...

  ...weights assigned to characteristics so as to override the system
  assigned weight values. The system calculates the **suggested program**
  list from the schedules it receives from broadcast or other means, using
  the characteristics weights in the...

Claim
  1 A **television** system for displaying **suggested** scheduled **programs**
  comprising: memory means for storing data representing a user profile
  comprising characteristics
  and characteristic weights of **programs viewed** by said user;
  control means for automatically assigning characteristic weights in said
  user profile based on relevance and/or **time** logged as being **viewed** by
  said user, ranking scheduled **programs** based on characteristics of each
  scheduled program and relative characteristic weights in said user
  profile, generating a list of **suggested** scheduled **programs** according
  to said ranking, calculating characteristic percentages based on relative
  characteristic weights in said user profile and...of the number of 5
  minute periods any program having a topic-theme 1 0 combination is
  viewed times the relevancy factor assigned by the broadcaster.

  9 The apparatus of ...user program guide characteristic search
  preferences data for said plurality of users, and wherein said list of
  suggested scheduled **programs** is generated based on preferences data
  for one identified user.

  10 A method of generating a list of **suggested** scheduled **television
  programs** comprising maintaining a user profile comprising
  characteristics of **programs** previously **viewed** by said user and
  characteristic weights calculated from the cumulative amount of **time**
  said user has **viewed programs** having each of said characteristics,
  using television schedule ...guide data which comprises characteristics
  of scheduled programs and optionally relevancy factors to calculate a
  list of **suggested** scheduled **programs** , and allowing a user to manually
  adjust said assigned weightings. 1 1. The method of claim IO...

 17/3,K/11   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00933523   **Image available**
TELEVISION VIEWER PROFILE INITIALIZER AND RELATED METHODS
**DISPOSITIF D'INITIALISATION DE PROFILS DE TELESPECTATEURS ET PROCEDES
    ASSOCIES**
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  SCHAFFER David J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
  RANKIN Paul J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

MATHIAS Keith E, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
MILANSKI John, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
    GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,
        Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200267578 A2-A3 20020829 (WO 0267578)
    Application: WO 2002IB356 20020201 (PCT/WO IB0200356)
    Priority Application: US 2001791999 20010222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    CN JP KR
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 3385

English Abstract
    A **TV** **viewer** profile initializer for reducing the **time** it takes for
    an implicit profiler-based **TV** **recommender** to produce accurate **TV**
    recommendations . The profiles initializer utilizes stereotype profiles
    from a substantial pool of **TV** **viewing** behavior of a representative
    number of **TV** **viewers** . By applying clustering methods to such data,
    stereotype profiles can emerge. New viewers are then be offered a
    selection of stereotype profiles to choose from to initialize their own
    personal **TV** **viewing** profile. Thus, a single choice will suffice to
    provide a predictable **TV** **show** **recommender** that is presumably fairly
    close to a viewer's own preferences. After this initialization, the
    profile can...

 17/3,K/12   (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00915763   **Image available**
**METHOD AND APPARATUS FOR GENERATING RECOMMENDATIONS BASED ON CONSISTENCY OF
    SELECTION**
**PROCEDE ET SYSTEME POUR GENERER DES RECOMMANDATIONS BASEES SUR LA COHERENCE
    DUNE SELECTION**
Patent Applicant/Assignee:
    KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
        Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
    KURAPATI Kaushal, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
    GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof
        Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200249357 A2-A3 20020620 (WO 0249357)
    Application: WO 2001EP14141 20011127 (PCT/WO EP0114141)
    Priority Application: US 2000736908 20001214
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    CN JP KR VN
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 3333

English Abstract
    ...selected relative to the number of times the item was offered. The
    present invention adjusts a conventional **program** **recommender** score
    based on a consistency metric. The exemplary consistency metric is
    defined as the ratio of the...

...over the number of times the item was offered in a given time period. In
an exemplary **program recommendation** implementation, the consistency
metric is defined as the ratio of the number of **times** a **program** was
watched over the number of **times** the program was presented in a given
time period. Generated recommendation scores can be increased or
decreased...

 17/3,K/13   (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00909766
**TELEVISION PROGRAM RECOMMENDER WITH INTERVAL-BASED PROFILES FOR DETERMINING
    TIME-VARYING CONDITIONAL PROBABILITIES**
**SYSTEME DE RECOMMANDATION DE PROGRAMME DE TELEVISION A PROFILS BASES SUR
    DES INTERVALLES PERMETTANT DE DETERMINER DES PROBABILITES
    CONDITIONNELLES VARIABLES DANS LE TEMPS .**
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  SCHAFFER James D, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,
    Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200242959 A2 20020530 (WO 0242959)
  Application: WO 2001EP13418 20011116   (PCT/WO EP0113418)
  Priority Application: US 2000718256 20001122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CN JP KR VN
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 5280

Fulltext Availability:
  Claims

Claim
... maintaining said user profile (400) as a plurality of viewing history
  windows (VHK), wherein each of said **viewing** history windows (VHK)
  corresponds to a different **time** interval.

  2 The method of claim 1, wherein said user profile (400) is associated
  with a **television program recommender** (100).

  3 The method of claim 1, wherein said behavior is a set of **programs**
  that have been **watched** by a user.

  4 The method of claim 1, wherein said behavior is a set of purchases...
...of occurrences for an earlier similar time interval.

  17 A system for managing the storage of a **viewer** profile (400) in a
  television
   program recommender (100), comprising:
  a memory (I 3 0) for storing computer readable code; and
  a processor (120) operatively...

...said memory (130), said processor
  (120) configured to:
  obtain a viewing history (200) indicating a set of **programs** that have
  been
   watched by a user; and
  maintain said viewing profile (400) as a plurality of viewing history

windows (VHK), wherein each of said **viewing** history windows (VHK)
corresponds to a different **time** interval.

18 The system of claim 17 said processor (1 20) ftirther configured to:
1 0 obtain a viewing history (200) indicating a number of occurrences of
a plurality of features in **programs** that were **watched** by a **viewer**
for a plurality of different
time intervals; and
delete from said viewer profile (400) any of said...

17/3,K/14   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00892366   **Image available**
**TELEVISION   PROGRAM   RECOMMENDER   WITH AUTOMATIC IDENTIFICATION OF CHANGING
    VIEWER PREFERENCES**
**DISPOSITIF DE RECOMMANDATION DE PROGRAMME DE TELEVISION AVEC IDENTIFICATION
    AUTOMATIQUE DES EVOLUTIONS DANS LES PREFERENCES DES TELESPECTATEURS**
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  KURAPATI Kaushal, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof
    Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200225939 A2-A3 20020328 (WO 0225939)
  Application: WO 2001EP10413 20010907 (PCT/WO EP0110413)
  Priority Application: US 2000666630 20000920
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CN JP KR
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4421

Fulltext Availability:
  Claims

English Abstract
  A **television** program recommender is disclosed that automatically
  identifies changes in viewing preferences. Once changing viewing
  preferences are identified...

  ...in viewing preferences, the television programming recommender generates
    television program recommendations using a sub-set of the **viewing**
    history from a corresponding earlier **time** **period** . Likewise, for true
    or permanent changes in **viewing** preferences, the television programming
    recommender optionally generates television program recommendations using
    the most recent sub-set of the viewing history, which most **likely**
    reflects the current **viewing** preferences. In a further variation,
    program recommendations can be generated using a combination, such as
    the union or intersection, of recommendations based on **viewing**
    histories from two different **periods** of **time** . The television
    programming recommender can confirm that **viewing** preferences have not
    changed significantly over **time** , and thereafter delete portions of the
    viewing history without loss of any performance in the generated .
    recommendations.

Claim
... method of claim 1, further comprising the step of presenting a user
  with a union set of **recommended** programs based on said sets of
  programs, SI and SK.

6 The method of claim 1, further...

...The method of claim 1 1, wherein said at least two portions, VHI and VHK, from said **viewing** history (200) are obtained by selecting a **time** span that is less than the entire **time** **period** covered by the **viewing** history (200).

15 The method of claim 14, wherein said selected time span is an earlier similar...

...at least two portions, VHI and VHK, from said viewing history (200); generate a corresponding set of **program** **recommendation** scores, SI and SK, for a set of programs in a given **time** interval based on said at least two **viewing** history (200) portions, VHI and VHK; and compare said sets of **program** **recommendation** scores, SI and SK, to identify a change in said viewer preferences.

17 The system (100) of claim 16, wherein said processor compares the top-N (where N is a positive integer) **recommended** **television** **programs** in each set, SI and SK

18 The system (I 00) of claim 16, wherein said processor...

...of claim 16, wherein said processor is ffirther configured to present a user with a set of **recommended** **programs** based on one or both of said sets of programs, SI and SK. The system (1 00...

...16, wherein said processor is ftu-ther configured to present a user with an intersection set of **recommended** programs based on said sets of programs, SI and SK

22 The system (100) of claim 16...VHI and VHK, from said viewing history (200);
a step to generate a corresponding set of program **recommendation** scores, Si and SK, for a set of programs in a given **time** interval based on said at least two **viewing** history (200) portions, VHI and VHK; and a step to compare said sets of **program** **recommendation** scores, S 1 and SK, to identify a change in said viewer preferences. . An article of manufacture for managing the storage of a viewer history in a **television** **program** **recommender** , comprising: a computer readable medium having computer readable code means embodied thereon, said computer readable program code...

...at least two
I 0 portions, VHI and VHK;
a step to generate a corresponding set of **program** **recommendation** scores, S 1 and SK, for a set of programs in a given **time** interval based on said **viewer** profiles, PI and PK; a step to compare said sets of **program** **recommendation** scores, SI and SK, to identify a change in said viewer preferences; and 1 5 a step to delete a portion of said viewing history if said sets of **program** **recommendation** scores, SI and SK are substantially similar.

 17/3,K/15   (Item 11 from file: 349)

00869528   **Image available**
USER PROFILE WITH WEIGHTED PREMIUM CONTENT
PROFIL UTILISATEUR A CONTENU PAYANT PONDERE
Patent Applicant/Assignee:
  KEEN PERSONAL MEDIA INC, One Morgan, Irvine, CA 92618, US, US (Residence)
    , US (Nationality)
Inventor(s):

KRAPF Russell M, 34300 Lantern Bay #36, Dana Point, CA 92629, US,
MASTERS Bradley S, 27645 Carballo, Mission Viejo, CA 92692, US,
Legal Representative:
  SHARA Milad G (agent), Western Digital Technologies, Inc., Intellectual
    Property Dept. - C2, 20511 Lake Forest Drive, Lake Forest, CA 92630, US
        ,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200203671 A1 20020110 (WO 0203671)
  Application: WO 2001US20060 20010621 (PCT/WO US0120060)
  Priority Application: US 2000608571 20000630
Designated States:
(Protection type is "patent" unless otherwise stated - for applications ·
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4925

Fulltext Availability:
  Claims

Claim
... the viewing preferences to select a viewer profile from the plurality
  of viewer profiles upon determining which **viewer** is likely to **watch**
  at a given **day** and at given **time** .

  12 The video system of Claim 1, wherein a weighting factor applied to a
  premium content is modifiable to selectively increase or decrease a
  probability of acceptance of the premium **content** by the **viewer** .
  . A method of operating a **video** system, comprising:
  creating a **viewer** profile representing viewing preferences of a viewer;
  generating a set of data representing available video content, the...

 17/3,K/16   (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00865770   **Image available**
**AUTOMATIC CONTENT VIEWING RECOMMENDATION FROM AMONG MULTIPLE PROGRAMMING
    SOURCES**
**RECOMMANDATIONS DE VISUALISATION AUTOMATIQUE DE CONTENUS A PARTIR DE
    PLUSIEURS SOURCES DE PROGRAMMES**
Patent Applicant/Assignee:
  ENCABLER INC, 21 Woodlyn Lane, Bradbury, CA 91010, US, US (Residence), US
    (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  AKINYANMI Olalekan, 17954-3 River Circle, Canyon Country, CA 91351, US,
    US (Residence), NG (Nationality), (Designated only for: US)
  HERVEY John, 21 Woodlyn Lane, Bradbury, CA 91010, US, US (Residence), US
    (Nationality), (Designated only for: US)
  ODUYOYE Odutola, 17954-3 River Circle, Canyon Country, CA 91351, US, US
    (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:
  HALL David A (et al) (agent), Heller Ehrman White & McAuliffe LLP, Suite
    700, 4250 Executive Square, La Jolla, CA 92037, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200199427 A2-A3 **20011227** (WO 0199427)
  Application: WO 2001US19409 20010618 (PCT/WO US0119409)
  Priority Application: US 2000214029 20000622; US 2000653087 20000831
Parent Application/Grant:

Claim
...   a user, the system
   comprising:
   a client delivery application that monitors and collects information
   relating to user **viewing** of **content** at a display device from among
   multiple prograrn signals of
   content; and
   a network connection from which the client delivery application receives
   multiple program signals of **content** , transmits the information
   regarding user **viewing** of **content** , receives a recommended **program**
   signal of content likely to be of interest to the user in response to Ahe
   received information relating to user viewing, and informs the. user of
   the **recommended** **program** signal at the display device.

   14 The system of Claim''13, wherein the monitored and collected
   information further comprises:
   a unique identification number representing the client delivery
   application; and a channel number representing **program** **content** that
   is being **viewed** by, the user;
   and
   a duration value representing the' **time** that user has **viewed** a
   particular signal of **program** **content** .

   15 The system of Claim 13, wherein the network connection ffirther
   comprises:
   at least one broadband channel...information
   ftirther comprises:
   a unique identification number identifying each set top box;
   a channel number representing the **program** content viewed by the user;
   and
   a duration value representing the **time** that a user **views** a particular
   program **content** .

   31 A method of providing content delivery to a user, the method
   comprising:
   communicating at least one...

...set top
   box;
   receiving information relating to the user's viewing habits of the at
   least
   one **program** signal **content** ;
   determining a **recommended** **program** signal for the user based in part
   on
   the information relating to the user's **viewing** habits and available

program signal
  content ; and
communicating the **recommended** **program** signal from the headend unit
to the set top box for display to the user.

32 The...

17/3,K/17   (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00855477   **Image available**
METHOD AND SYSTEM FOR PRESENTING AN ELECTRONIC PROGRAMMING GUIDE
PROCEDE ET SYSTEME DE PRESENTATION D'UN GUIDE DE PROGRAMMATION ELECTRONIQUE
Patent Applicant/Assignee:
  AT & T CORP, 32 Avenue of the Americas, New York, NY 10013-2412, US, US
    (Residence), US (Nationality)
  MediaOne Group Inc, 188 Inverness Drive West, Englewood, CO 80112, United
    States of America, US, US (Residence), US (Nationality)
Inventor(s):
  LAWRENCE Lee G, 465 S. Leyden, Denver, CO 80224, US,
  MARICS Monica, 916 12th Street, Boulder, CO 80302, US,
  MCCLARD Anne P, 1264 Lambert Circle, Lafayette, CO 80026, US,
  STEVENS John Clarke, 5625 South Alamo Court, Littleton, CO 80123, US,
Legal Representative:
  CANAVAN Robert T (et al) (agent), AT & T Corp., P.O. Box 4110,
    Middletown, NJ 07748-4110, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200189206 A2-A3 **20011122** (WO 0189206)
  Application: WO 2001US14662 20010504 (PCT/WO US0114662)
  Priority Application: US 2000571309 20000512
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CA JP MX
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4601

Patent and Priority Information (Country, Number, Date):
  Patent: ... **20011122**
Fulltext Availability:
  Claims
Publication Year: **2001**

Claim
... guide.

  11 The method of claim 7 further comprising:
  collecting a set of preferences from the end **viewer** ;
  20 and
  automatically copying **programming** information to a
  calendaring software application of the end viewer in accordance
  with the set of preferences...

...The method of claim 7 further comprising:
  processing information in a calendaring software
  application to determine available **time** slots for the end **viewer** ; and
  suggesting **programs** for the end **viewer** based on the
  available **time** slots.

  13 The method of claim 7 wherein the
  programming information includes a program that is scheduled...

...occurrences, the method further comprising:
  processing information in a calendaring software

5 application to deten-nine available **time** slots for the end **viewer** ;
and
upon selection of the **program** that is scheduled at
multiple occurrences, suggesting at least one occurrence for the end
 viewer based on the available **time** slots. .
10 14. The method of claim 13 wherein the multiple
occurrences include occurrences on different channels...

...comprising:
upon selection of an available time slot in a
25 calendaring software application for the end **viewer** , scheduling the
 video -on-demand **program** in the time slot.

19 The method of claim 17 further comprising:
processing information in a calendaring software
30 application to determine available **time** slots for the end **viewer** ;
and
upon selection of the **video** -on-dernand **program** ,
 suggesting a time slot of the available **time** slots for the end
viewer .

 17/3,K/18   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00834128   **Image available**
**APPARATUS AND METHOD FOR PROVIDING A PLURALITY OF INTERACTIVE PROGRAM GUIDE
    INITIAL ARRANGEMENTS**
DISPOSITIF ET METHODE FOURNISSANT UNE PLURALITE DE VERSIONS INITIALES POUR .
    GUIDE DE PROGRAMMES INTERACTIF
Patent Applicant/Assignee:
  SCIENTIFIC-ATLANTA INC, Intellectual Property Department, 5030 Sugarloaf
    Parkway, Lawrenceville, GA 30044, US, US (Residence), US (Nationality)
Inventor(s):
  JERDING Dean F, 315 Seventeenth Fwy., Roswell, GA 30076, US,
  BANKER Robert O, 1581 Chamblee Gap Road, Cumming, GA 30040, US,
  RODRIGUEZ Arturo A, 5315 Abigail Lane, Norcross, GA 30092, US,
  DURDEN Gregory S, 9407 Terri Lane, Jonesboro, GA 30236, US,
  VAN ORDEN Robert T, 4575 Dairy Way, Norcross, GA 30092, US,
  MILLER Jack, 1040 Vintage Club Drive, Duluth, GA 30097, US,
  HILL ·Kevin, 1919 East 35th Place, Tulsa, OK 74105, US,
Legal Representative:
  GARDNER Kelly A (et al) (agent), Scientific-Atlanta, Inc., Intellectual
    Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044,
    US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200167736 A2-A3 **20010913** (WO 0167736)
  Application: WO 2001US6663 20010228 (PCT/WO US0106663)
  Priority Application: US 2000518041 20000302
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  BR CA JP   .
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 11588

Patent and Priority Information (Country, Number, Date):
  Patent: ... **20010913**
Fulltext Availability:
  Claims
Publication Year: **2001**

Claim
... first category of the relevant view highlighted, a favorite category
  the user has previously defined, or a **recommended** **program** in line

with the user's **television** **watching** habits. FIG. 12 is an example
screen diagram of the IPG display I 00 that illustrates the...

...1 of the IPG screen 1 00 enables the subscriber to scroll and choose to
display a **time** **view** , a theme **view** , or title **view** similar to those
views described above. The browse-by menu portion IO 1 initially takes
the place...

17/3,K/20   (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00825095   **Image available**
ADAPTIVE TV PROGRAM RECOMMENDER
SYSTEME ADAPTATIF DE RECOMMANDATION D'EMISSIONS DE TELEVISION
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  SCHAFFER James D, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,
    Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200158145 A2-A3 **20010809** (WO 0158145)
  Application: WO 2001EP816 20010125 (PCT/WO EP0100816)
  Priority Application: US 2000498271 20000204
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  JP KR
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4903

Patent and Priority Information (Country, Number, Date):
  Patent: ... **20010809**
Fulltext Availability:
  Claims
Publication Year: **2001**

Claim
... a television program is a desired one, based on a
  viewer profile (103) and data regarding the **television** **program** ; and
  supplying a **recommendation** regarding the **television** **program** based
  on the
  probability.

  25 The at least one medium (I 10) of claim 24, wherein the...

...comprising:
  a list of feature values; and
  for each element of the list, a respective number of **times** **programs**
  having that feature value were **watched** .
  26 The at least one medium (I 10) of claim 25, wherein the data structure
  (Fig. 4) further comprises, for each element of the list, a respective
  number of **times** programs having that feature value were not **watched** .

  27 The at least one medium (I 10) of claim 26, wherein the software is
  further arranged...

17/3,K/22   (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00813583   **Image available**
INTELLIGENT SYSTEM AND METHODS OF RECOMMENDING MEDIA CONTENT ITEMS BASED ON USER PREFERENCES
SYSTEME INTELLIGENT ET PROCEDES DESTINES A RECOMMANDER DES ARTICLES A CONTENU MULTIMEDIA SUR LA BASE DE PREFERENCES UTILISATEUR

Detailed Description
... s preferences, U.S. Patent No. 5,410, 344 (April 25, 1995) describe a
  method for selecting **television programs** according to
  expressed **viewer** preferences that employs an adaptive prediction
  algorithm. Television programs are described in terms of attributes. A
  viewer
  @3
  explicitly rates different attribute-value pairs, also known as features.
  Based on these explicit **viewer** ratings, a neural network rates
  television programs.

  Programs with a high enough score are automatically recorded for **viewing**

  at a later **time** . The described method, however, must use explicit
  ratings, it
  does not employ ...method for recommending items, U.S. Patent No.

  4,996,642 (February 26, 1991). Employs a conventional **collaborative**
   filtering algorithm to recommend movies to a customer from the
  inventory in a video store. The customer uses a scalar rating system to
  rate **movies** they have **viewed** . The resulting profile is paired with
  profiles of other customers
  who have rated at least a portion...

00789654
**SELECTION AND ADAPTATION SYSTEM AND METHOD FOR THE DELIVERY OF
INDIVIDUALIZED TELEVISION COMMERCIAL(S) TO AN IDENTIFIED ADVANCED
TELEVISION VIEWER**
**SYSTEME ET PROCEDE DE SELECTION ET D'ADAPTATION POUR LA DISTRIBUTION
D'ANNONCES TELEVISEES A UN TELESPECTATEUR IDENTIFIE D'UNE TELEVISION
EVOLUEE**
Patent Applicant/Inventor:
  BARRETT Brad, Suite 600, 700 West Pender Street, Vancouver, British
    Columbia V6C 1G8, CA, CA (Residence), CA (Nationality)
  VASILAKOS John, Suite 600, 700 West Pender Street, Vancouver, British
    Columbia V6C 1G8, CA, CA (Residence), CA (Nationality)
Legal Representative:
  MANNING Gavin N (agent), Oyen Wiggs Green & Mutala, Suite 480, 601 West
    Cordova Street, Vancouver, British Columbia V6B 1G1, CA,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200122731 A1 **20010329** (WO 0122731)
  Application: WO 2000CA627 20000530 (PCT/WO CA0000627)
  Priority Application: CA 2284438 19990922
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  US
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 3959

Patent and Priority Information (Country, Number, Date):
  Patent: ... **20010329**
Fulltext Availability:
  Claims
Publication Year: **2001**

Claim
... data and information associated with the said unidentified viewers
  actions since the beginning of the said television **viewing** session
  (e.g. **time** of **day** , type of show being **viewed**) may/will be utilized
  for the purpose of **guessing** as to the identify of the **viewer**
  conducting the **television** **viewing** session at the said Remote
  Viewer Module, and further wherein the Viewer Profile of the said
  guessed...

 17/3,K/25   (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00541335   **Image available**
TELEVISION SYSTEM WITH AIDED USER PROGRAM SEARCHING
**SYSTEME DE TELEVISION AVEC RECHERCHE DE PROGRAMMES TELEVISES PAR UN
UTILISATEUR ASSISTE**
Patent Applicant/Assignee:
  UNITED VIDEO PROPERTIES INC,
Inventor(s):
  BOYER Franklin E,
  DEMERS Timothy B,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200004708 A1 **20000127** (WO 0004708)
  Application: WO 99US16040 19990716 (PCT/WO US9916040)
  Priority Application: US 9893197 19980717; US 99330793 19990611
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
  GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK

Claim
1. A method for aiding a user who is
 viewing a program airing on a current channel in
identifying another program to view, comprisinge
monitoring which **television programming**
is **viewed** by the user;
determining at least one program
attribute of the monitored television programming;
identifying **program** listings for
 programs that are **suggested** based on the **program**
attribute; and
allowing the user to browse the **program**
listings for the **suggested programs** by displaying the
 program airing on the current channel and
simultaneously displaying a display region containing
the **program** listing for one of the **suggested programs** .

2 The method of claim 1 wherein the
determining comprises determining whether the program
airing on the current·channel has been **viewed** for a
predetermined **period** .

. 3 The method of claim 1 wherein the
program attribute is selected from the consisting of
program...

...of the current program in identifying program
listings.

27 A system for aiding a user who is
 viewing a program airing on a current channel in
identifying another program to view, comprising:
means for monitoring which **television**
 programming is **viewed** by the user;
means for determining at least one
program attribute of the monitored television
programming;
means for identifying **program** listings
for **programs** that are **suggested** based on the **program**
attribute; and
means for allowing the user to browse
the **program** listings for the **suggested programs** by
displaying the **program** airing on the current channel
and simultaneously displaying a display region
containing the **program** listing for one of the **suggested**
 programs .

28 The system of claim 27 wherein said
means for determining determines whether the program
airing on the current channel has been **viewed** for a
predetermined **period** .

29 The system of claim 27 wherein the
program attribute is selected from the consisting of
program...of the current program in

```
File    8:Ei Compendex(R) 1970-2005/Jan W3
          (c) 2005 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2005/Jan
          (c) 2005 ProQuest Info&Learning
File   65:Inside Conferences 1993-2005/Feb W2
          (c) 2005 BLDSC all rts. reserv.
File    2:INSPEC 1969-2005/Feb W1
          (c) 2005 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2005/Jan W1
          (c)2005 Japan Science and Tech Corp(JST)
File  483:Newspaper Abs Daily 1986-2005/Feb 17
          (c) 2005 ProQuest Info&Learning
File    6:NTIS 1964-2005/Feb W1
          (c) 2005 NTIS, Intl Cpyrght All Rights Res
File  144:Pascal 1973-2005/Feb W1
          (c) 2005 INIST/CNRS
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File   34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W2
          (c) 2005 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan
          (c) 2005 The HW Wilson Co.
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File  266:FEDRIP 2004/Nov
          Comp & dist by NTIS, Intl Copyright All Rights Res
File   95:TEME-Technology & Management 1989-2005/Jan W2
          (c) 2005 FIZ TECHNIK
File  438:Library Lit. & Info. Science 1984-2005/Jan
          (c) 2005 The HW Wilson Co
File  248:PIRA 1975-2005/Jan W3
          (c) 2005 Pira International


Set     Items    Description
S1       1562    FILTER???(3N)(COLLABORAT? OR COOPERAT? OR CO()OPERAT???)
S2   13106730    PROGRAM? ? OR PROGRAMMING OR SHOW? ? OR TV OR TELEVISION OR
                 MOVIE? ? OR FILM? ? OR VIDEO? ? OR PPV OR SELECTION? ?
S3   17051005    MATERIAL? ? OR CONTENT? ? OR MEDIA OR MULTIMEDIA OR MUSIC -
                 OR SONG? ? OR AUDIO OR DATA OR INFORMATION OR ITEM? ?
S4     847766    S2:S3(5N)(VIEW??? OR REVIEW??? OR WATCH??? OR SEE OR SEEING
                 OR LOOK??? OR OBSERV??? OR HEAR??? OR LISTEN??? OR ENJOY??? -
                 OR EXPERIENC???)
S5     506857    S2:S3(7N)(RECOMMEND? OR SUGGEST?)
S6      13990    S4(7N)(LIKELY OR LIKELIHOOD OR PROBABILITY OR PROBABLE OR -
                 GUESS??? OR PREDICT? OR INFER??? OR INFERENCE? ?)
S7   11501340    TIME OR TIMES OR TEMPORAL? OR PERIOD? ? OR DAY? ? OR WEEK?
                 ? OR WEEKLY OR MORNING OR EVENING OR AFTERNOON OR NIGHT?? OR -
                 PRIMETIME
S8     625460    S7(10N)(VIEW??? OR WATCH??? OR SEE OR SEEING OR LOOK??? OR
                 OBSERV??? OR HEAR??? OR LISTEN??? OR ENJOY??? OR EXPERIENC???)
S9          4    S1 AND S4 AND S8
S10      2242    S5 AND S4 AND S8
S11  14252674    PROGRAM? ? OR PROGRAMMING OR SHOW? ? OR TV OR TELEVISION OR
                 MOVIE? ? OR FILM? ? OR VIDEO? ? OR PPV OR CONTENT? ? OR MEDIA
                 OR MULTIMEDIA
S12    368557    S11(5N)(VIEW??? OR REVIEW??? OR WATCH??? OR SEE OR SEEING -
                 OR LOOK??? OR OBSERV???)
S13     93890    S11(5N)(RECOMMEND? OR SUGGEST?)
S14       422    S12 AND S13 AND S8
S15     51848    S7(7N)(VIEW??? OR WATCH???)
S16       165    S13 AND S12 AND S15
S17       139    RD (unique items)
S18       101    S17 NOT PY=2002:2005
S19        76    S18 AND (TV OR TELEVISION)
S20         2    RD S9 (unique items)
S21      4238    S12(7N)(LIKELY OR LIKELIHOOD OR PROBABILITY OR PROBABLE OR
                 GUESS??? OR PREDICT? OR INFER??? OR INFERENCE? ?)
S22       135    S21 AND S15
```

```
S23      110    RD (unique items)
S24      105    S23 NOT S18
S25       75    S24 NOT PY=2002:2005
```

19/5/7   (Item 6 from file: 35)

01573958 ORDER NO: AADMM-16994
 TELEVISION   TIME (BROADCAST TELEVISION , VIEWING PRACTICES)
  Author: MACKAY, JANE ELIZABETH
  Degree: M.A.
  Year: 1996
  Corporate Source/Institution: ·SIMON FRASER UNIVERSITY (CANADA) (0791)
  Supervisor: BARRY TRUAX
  Source: VOLUME 35/05 of MASTERS ABSTRACTS.
           PAGE 1092. 142 PAGES
  Descriptors: MASS COMMUNICATIONS ; ANTHROPOLOGY, CULTURAL
  Descriptor Codes: 0708; 0326
  ISBN: 0-612-16994-4

     This study is an investigation of formal structures in popular North
American broadcast television . It is an examination of the television
text as constructed by both broadcasters and viewers, based on Raymond
Williams' middle-range analysis of flow. The objective of the study is to
shed light on ideological process in television , specifically the
structural genesis of a discourse of time .
     Television   viewing by a sample of Ontario college students is
examined empirically using videotape recordings of home viewing sessions by
eight of these students. The recordings were analyzed with particular
emphasis on duration, sequence, and temporal perspective of units of
content. Temporal perspective includes time tense and mode of address.
Information in regard to viewing context was provided by questionnaire
self-reports.
     The study highlights the structural aspects of television in
transmission and viewing practices. The viewing session videotapes
suggest an agreement between broadcasters and young North American viewers
in regard to the speed of change in television flow. The recordings
emphasize the present in both sound and picture with substantial
second-person audio. Patterns of channel changing by viewers reveal
switching activity throughout the viewing session. Viewers appear to switch
channels to change programs rather than avoid commercials. They switch
channels more often during program content, especially news and
documentary.
     Television is shown to be a practice of fast-paced change and
discontinuity. It is communication situated in a temporal present overlaid
with imperative demands. This temporality appears to be inscribed in the
structure of television flow. The study suggests an unacknowledged
connection between television and social meaning.

 19/5/12   (Item 11 from file: 35)

01313569 ORDER NO: AAD93-30047
PATTERNS OF TELEVISION   VIEWING : PREDICTING TELEVISION   VIEWING
BEHAVIOR
  Author: CHO, SUNG HO
  Degree: PH.D.
  Year: 1993
  Corporate Source/Institution: STATE UNIVERSITY OF NEW YORK AT BUFFALO (
           0656)
  Director: GEORGE A. BARNETT
  Source: VOLUME 54/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 1986. 200 PAGES
  Descriptors: MASS COMMUNICATIONS
  Descriptor Codes: 0708

     This dissertation examined overall television   viewing patterns in
average households in the Chicago area. Based on the results of spectral
analysis the suggested various television   viewing models, such as

annual, semi-annual, quarter-annual, weekly, and daily, were applied to selected **television** data sets in order to examine the predictability of each model. The daily model explained about 90% of **television viewing** for the analysis based on the **day** of the week. Both the annual and daily models explained over 92% of **television viewing** variance for each data set from Monday to Sunday. Further, the origins of annual, semi-annual, and weekly cycles were revealed with the analysis based on the time of the day. In addition, the prime time analysis revealed the presence of a quarter-annual cycle.

The overall results indicated that **television viewing** behavior can be accurately predicted with the suggested models (annual, semi-annual, quarter-annual, weekly, and daily). Further, the consideration of various other factors, such as weather conditions, special programming, and social events may increase the predictability of overall **television viewing** . For example, a nice summer **evening** may attract audience to enjoy outdoor activities instead of **watching television** . The results of this dissertation provides ideas about the average individuals' overall **television** .viewing behavior and their use of free **time** . Finally, the **suggested television viewing** models provide the basis describing the flow of audience.

19/5/41 (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6505027   INSPEC Abstract Number: B2000-03-6430-007, C2000-03-7210N-066
   Title: **Surfing the digital wave. Generating personalised** TV **listings using collaborative, case-based** recommendation
   Author(s): Smyth, B.; Cotter, P.
   Author Affiliation: Dept. of Comput. Sci., Univ. Coll. Dublin, Ireland
   Conference Title: Case-Based Reasoning Research and Development. Third International Conference on Case-Based Reasoning, ICCBR-99. Proceedings (Lecture Notes in Artificial Intelligence Vol.1650)   p.561-71
   Editor(s): Althoff, K.-D.; Bergmann, R.; Branting, L.K.
   Publisher: Springer-Verlag, Berlin, Germany
   Publication Date: 1999 Country of Publication: Germany   xii+598 pp.
   ISBN: 3 540 66237 5   Material Identity Number: XX-1999-02391
   Conference Title: Case-Based Reasoning Research and Development. Third International Conference on Case-Based Reasoning, ICCBR-99
   Conference Sponsor: American Assoc. Artificial Intelligence; AcknoSoft; BSR Consulting; DaimerlerChrysler; et al
   Conference Date: 27-30 July 1999   Conference Location: Seeon Monastery, Germany
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)
   Abstract: In the future, digital **TV** will offer an unprecedented level of programme choice. We are told that this will lead to dramatic increases in viewer satisfaction as all **viewing** tastes are catered for all of the **time** . However, the reality may be somewhat different. We have not yet developed the tools to deal with this increased level of choice (for example, conventional **TV** guides will be virtually useless), and viewers will face a significant and frustrating information overload problem. The paper describes a solution in the form of the PTV system. PTV employs user profiling and information filtering techniques to generate Web based **TV viewing** guides that are personalised for the viewing preferences of individual users. The paper explains how PTV constructs graded user profiles to drive a hybrid recommendation technique, combining case based and collaborative information filtering methods. The results of an extensive empirical study to evaluate the quality of PTV's case based and collaborative filtering strategies are also described. (11 Refs)
   Subfile: B C
   Descriptors: case-based reasoning; digital **television** ; groupware; information resources; information retrieval
   Identifiers: digital wave; personalised **TV** listings; collaborative case based recommendation; digital **TV** ; programme choice; information overload problem; PTV system; user profiling; information filtering techniques; Web based **TV viewing** guides; viewing preferences; individual users; graded

19/5/44   (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04097706   JICST ACCESSION NUMBER: 99A0643441 FILE SEGMENT: JICST-E
 TV **Program Planning Agent using Analysis Method of User's Taste.**
YAGAWA YUICHI (1); UKAI HIROMI (1); TANAKA TETSUO (1); SHIBATA MASAHIRO
   (2); KIM Y-B (2)
(1) Hitachi, Ltd., System Dev. Lab.; (2) Japan Broadcast. Corp. Sci. and
   Tech. Res. Lab.
ABSTRACT: In the arrival of a multiple channel service caused by digital
   broadcasting, although the width of program choice increases for users,
   users have difficulty in finding favorite programs. In this paper, we
   present a " **TV** Program Planning Agent", which analyzes users' tastes
   from their personal histories and programs' information (EPG), and
   which filters and **recommend programs** based on users' tastes. A more
   detailed taste analysis becomes possible every **time** users **view**
   programs . In the evaluation experiment, the most fundamental method
   succeeded in filtering of the user's favorite programs in the
   probability of 82%. The result of this research can be applied to the
   automatic video-recording function of "Home Video Server" and "Agent
   TV ". (author abst.)
DESCRIPTORS: **television** receiver; agent; broadcast program; information
   retrieval; preference; audience
IDENTIFIERS: digital broadcasting
BROADER DESCRIPTORS: receiver; transceiver; communication apparatus;
   equipment; retrieval
CLASSIFICATION CODE(S): ND12033V

19/5/52   (Item 6 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05469923
The Small Screen --- Time Machines: A whole new kind of device to record
 TV shows is on the way; It'll be watching you
Westbrook, William

ABSTRACT: What makes time-shifting simpler than with a VCR is that these
machines handle the details. They are attached, by telephone line or
satellite, to proprietary sources of information on all the programs that
will be available to the **viewer** for the next **week** or two. The
WebTV/Echostar machines, as well as competing devices from Replay Networks
Inc., Palo Alto, Calif., present the information in a grid, while a third

version, from TiVo Inc., Sunnyvale, Calif., has a more elaborate interface. All three versions of the machines are scheduled to go on sale this month or next. To make it easy to the point of eeriness, the TiVo machine's software will actually track a viewer's preferences and immediately start **suggesting** other **programs** that the **viewer** might like to record. The viewer will be able to influence the software's future choices by use of "thumbs-up" and "thumbs-down" buttons, pressing them either when **watching** a **program** or when presented with a list of suggestions. If not given any direction, the software will automatically record its selections -- assuming there's room. The automatically recorded programs will then appear on the same list as the **programs** the **viewer** has recorded. The machines can also eliminate the possibility of recording over something by accident, or of having the tape run out before something is fully recorded. That's because they record on a hard drive, like those found in computers, and know what's already stored there and how much room remains available for recording. If a viewer asks the TiVo or Replay machine to record something that exceeds its free space, the machine will prompt the viewer to delete enough material to make room.

Set   Items   Description
S1   2385   FILTER???(3N)(COLLABORAT? OR COOPERAT? OR CO()OPERAT???)
S2   16594649   PROGRAM? ? OR PROGRAMMING OR SHOW? ? OR TV OR TELEVISION OR
                 MOVIE? ? OR FILM? ? OR VIDEO? ? OR PPV OR CONTENT? ? OR MEDIA
                 OR MULTIMEDIA
S3   1071983   S2(5N)(VIEW??? OR REVIEW??? OR WATCH??? OR SEE OR SEEING OR
                 LOOK??? OR OBSERV???)
S4   123291   S2(5N)(RECOMMEND? OR SUGGEST?)
S5   9703   S3(7N)(LIKELY OR LIKELIHOOD OR PROBABILITY OR PROBABLE OR -
                 GUESS??? OR PREDICT? OR INFER??? OR INFERENCE? ?)
S6   19333215   TIME OR TIMES OR TEMPORAL? OR PERIOD? ? OR DAY? ? OR WEEK?
                 ? OR WEEKLY OR MORNING OR EVENING OR AFTERNOON OR NIGHT?? OR -
                 PRIMETIME
S7   340608   S6(7N)(VIEW??? OR WATCH???)
S8   10   S1(50N)S3(50N)S7
S9   834   S4(50N)S3(50N)S7
S10   701   S5(50N)S7
S11   6   RD S8 (unique items)
S12   510   S4(20N)S3(20N)S7
S13   477061   S2(5N)(VIEW??? OR WATCH???)
S14   609   S4(30N)S13(30N)S7
S15   2293   S13(5N)(RECOMMEND? OR SUGGEST?)
S16   248   S15(50N)S7
S17   215   S15(30N)S7
S18   142   RD (unique items)
S19   66087   S7(7N)S2
S20   539   S4(30N)S13(30N)S19
S21   193   S15(30N)S19
S22   25   S4(50N)S5(50N)S7
S23   13   RD (unique items)

11/3,K/1   (Item 1 from file: 275)

02092266   SUPPLIER NUMBER: 19684784   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Alexa's theory of relativity. (Alexa Internet)(Product Announcement)
Rapoza, Jim
PC Week, v14, n35, p42(1)
August 18, 1997
DOCUMENT TYPE: Product Announcement   ISSN: 0740-1604   LANGUAGE:
   English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1484   LINE COUNT: 00116

...   sense.
     Alexa Internet Inc.·, San Francisco (415) 561-6900 www.alexa.com
     Scoring methodology: www.pcweek.com/ **reviews** /meth.·html
     A promising beta **program** from a San Francisco startup helps Web
users find useful information by applying **collaborative filtering**
technology to the entire Web.
     Alexa, from Alexa Internet Inc., provides a series of links to Web
sites that are related to the one the user is **viewing** . PC **Week** Labs
found it very straightforward to use, letting us view basic information
such as a Web site...

11/3,K/2   (Item 1 from file: 621)

02620209   Supplier Number: 64773982   (USE FORMAT 7 FOR FULLTEXT)
**Eprise and Net Perceptions Team to Deliver Comprehensive Personalization
   Capabilities to Eprise Participant Server Clients.**
Business Wire, p0100
August 28, 2000
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 835

·...   user roles, profiles, and other attributes. Net Perceptions'
personalization solutions deliver the industry·standard for recommendations
using **collaborative filtering** technology. This allows the individual
consumer's taste to guide the products, services, and information they're
offered. The combination allows business users to deliver dynamic **content**
to the right **viewer** at the right **time** more easily than ever before,
ultimately saving time and cutting down on the frustration of clicking
through...

11/3,K/3   (Item 1 from file: 636)

03500195   Supplier Number: 47222975   (USE FORMAT 7 FOR FULLTEXT)
Internet and Online
Multimedia Wire, v4, n54, pN/A
March 19, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 135

     ESPNET SportsZone teamed with CyberCash [CYCH] to enable access to its
premium **content** on a single- **day viewing** basis. The price starts at
$1/ **day** . (Starwave, Jennifer Yazzolino, 206/957-2026)
     Online bookseller Amazon.com announced twice as many titles, new
pricing...

...out-of-print books. It also cut prices 40 on several catagories, and
unveiled MatchMaker, which uses **collaborative filtering** technology, to

recommend books to customers. (Amazon.com, Jennifer Cast, 206/346-2853)
COPYRIGHT 1997 Phillips Business...

11/3,K/4   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04254859   Supplier Number: 46231111 (USE FORMAT 7 FOR FULLTEXT)
From dating to voting, collaborative filtering will make our choices easier
InfoWorld, p052
March 18, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 732

...   site, called Firefly, is a place to get music recommendations, at
http://www.ffly.com. Firefly uses **collaborative   filtering** , which
Lashkari was happy to explain. **Collaborative   filtering** is made up of a
variety of technologies for weighing ratings from an on-line community and
transforming them into recommendations. I am now more convinced than ever
that **collaborative   filtering** will evolve into one of the big
technologies of the Information Age.
     My favorite example of **collaborative ·filtering** is not presidential
elections but video rentals. It goes something like this: You are returning
a **video** you **watched** last **night** . The rental store clerk asks you to
rate the video from 1 to 10. He types your...

...likely to enjoy. Or all this happens in front of your interactive
television via video on demand.
     Collaborative   filtering through the Internet would not be just for
videos but also for books, restaurants, cars, resorts, blind...

11/3,K/5   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08542774   SUPPLIER NUMBER: 18113950   (USE FORMAT 7 OR 9 FOR FULL TEXT)
From dating to voting, collaborative filtering will make our choices
  easier. (From the Ether) (Internet
Metcalfe, Bob
InfoWorld, v18, n12, p52(1)
March 18, 1996
DOCUMENT TYPE: Column   ISSN: 0199-6649   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 773   LINE COUNT: 00062

...   site, called Firefly, is a place to get music recommendations, at
http://www.ffly.com. Firefly uses **collaborative   filtering** , which
Lashkari was happy to explain. **Collaborative   filtering** is made up of a
variety of technologies for weighing ratings from an on-line community and
transforming them into recommendations. I am now more convinced than ever
that **collaborative   filtering** will evolve into one of the big
technologies of the Information Age.
     My favorite example of **collaborative   filtering** is not presidential
elections but video rentals. It goes something like this: You are returning
a **video** you **watched** last **night** . The rental store clerk asks you to
rate the video from 1 to 10. He types your...
...likely to enjoy. Or all this happens in front of your interactive
television via video on demand.
     Collaborative   filtering through the Internet would not be just for
videos but also for books, restaurants, cars, resorts, blind...

11/3,K/6   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

A personalized television listings service
Smyth, Barry; Cotter, Paul

...TEXT: techniques complement each other perfectly For example,
content-based filtering can solve the latency problems associated with
collaborative   filtering . Furthermore, the diversity problem associated
with content-based methods is solved by introducing a collaborative
component. By integrating both content-based and **collaborative   filtering**
 strategies, the ClixSmart personalization engine provides a unique and
powerful personalization solution.

PTV Adds a Personal Touch...

...discover what programs are on in a given week, never mind locating a
small set of relevant **programs** for a quiet **evening** 's **viewing** . The
digital **TV** vendors do recognize this as a serious problem, and they are
now offering electronic program guides (EPGs...

23/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02429825   SUPPLIER NUMBER: 64360946   (USE FORMAT 7 OR 9 FOR FULL TEXT)
It's your future!(Internet/Web/Online Service Information)
Internet Magazine, 54
August, 2000
ISSN: 1355-6428   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 8786   LINE COUNT: 00675

...   significant new interface developments which will include natural
speech recognition that works. In 20 years, it's **likely** our PC will be on
a thin **film** that we can unravel, **view** images and text, write on, talk
to, be entertained by and use to communicate with. GRAHAME COHEN...

...50s dream of the future on drugs! In the living room, the Net will be
compiling its **suggested   film   viewing** for the **evening** based on what
it knows I like. In the car on the way home, it will be...

23/3,K/2   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02375928   SUPPLIER NUMBER: 59636072   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Stanford Study Says Internet Transforming Daily Life 02/16/00 >By Sherman
   Fridman.(Industry Trend or Event)**
Newsbytes PM, NA
Feb 16, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 993   LINE COUNT: 00079

...   time reading newspapers.
      According to Erbring, who is also a professor of mass communications,
the reduction in **TV   viewing** "is **likely** to have a major impact on the
economics of the **media** industry and, as recent developments **suggest ,**
may lead to further integration of media and information delivery
technologies."
      According to the study, the least...

23/3,K/3   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

03880516   Supplier Number: 126728280 (USE FORMAT 7 FOR FULLTEXT)
**Sony Stakes Out HD Leadership Position; Company's Unique Combination of
   Products, Content and Services Help Create, Share and Enhance the
   Enjoyment of High-Definition Entertainment.**
PR Newswire, pNA
Jan 6, 2005
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 726

...   as an important growth engine for high-definition content with
demand streaming both from consumers and the **content** community. Sony
suggested that to its first products using blue laser-based optical
technology will be available in the U...

...next year or two.
      Emphasis was also placed on such proven successes as LCD technology,
which was **predicted** to be the standard of choice for **watching**
high-definition **content** in the coming year. And Fidler noted that Sony
is well-poised to make the most of...
...products.
      Sony's HD leadership was also attributed to exclusive technology

like 3 LCD which improves the **viewing** experience by optimizing color
reproduction full- **time** , across the entire screen and serves as the
foundation for Sony's market-leading Grand WEGA rear...

23/3,K/4   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03570058   Supplier Number: 47387890 (USE FORMAT 7 FOR FULLTEXT)
BSkyB claims 'win-win' position on digital
New Media Markets, pN/A
May 15, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1500

...   compression.
    * A pay-per-view service offering mainly films, but with some sports
and special events. Films, **likely** to cost around GBP3 per **view** , would
be **shown** with staggered start **times** and would be transmitted six months
before their airing on BSkyB's premium film channels.
    * Interactive services...

...issue for BSkyB in launching digital is ensuring that it does not
cannibalise its existing lucrative pay- **television** revenues.
    Many observers have **suggested** that this concern has been a prime
reason for BSkyB's slowness to embrace digital. With 6...

23/3,K/5   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01860829   Supplier Number: 43195979 (USE FORMAT 7 FOR FULLTEXT)
Couch Potatoes & Cholesterol: Pediatricians Link TV Habits & Health
Youth Markets Alert, v4, n8, pN/A
August, 1992
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 258

...   finds a strong correlation between TV viewing and several health
behavioral factors, including exercise and diet.
    Children **watching** more than four hours of **TV** per **day** are
significantly less **likely** to consume lean meat and/or to remove chicken
skin before eating chicken, and also less likely...

...sports or to engage in continuous physical activity outside of school.
    According to the researchers, the findings **suggest** that excessive
TV viewing may be a key indicator of the generally unhealthy lifestyle
habits commonly associated with later cardiovascular...

23/3,K/6   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

11332304   Supplier Number: 119352560 (USE FORMAT 7 FOR FULLTEXT)
Too much TV `turns young into fat adults'.(News)
Derbyshire, David
Daily Telegraph (London, England), p08
July 16, 2004
Language: English   Record Type: Fulltext
Document Type: Newspaper; General
Word Count: 488

...   cholesterol, 17 per cent of smoking and 15 per cent of "poor

cardiovascular fitness" was attributable to **watching** more than two hours'
television a **day** in childhood, he said.
No link was found between television viewing and blood pressure.
The associations remained...

...well-established risk factors for cardiovascular illness and death later
in life," said Dr Hancox. "Our results **suggest** that excessive **television
viewing** in young people is **likely** to have far-reaching consequences
for adult health.
"We concur with the American Academy of Paediatrics that parents
should limit children's **viewing** to one to two hours per **day** ; in fact,
data suggest that less than one hour a day would be even better."
He acknowledged...

23/3,K/7   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

0017118904   SUPPLIER NUMBER: 116790742   (USE FORMAT 7 OR 9 FOR FULL
TEXT)
**Communicating health information and making the news: health reporters
reveal the PR tactics that work.**
Tanner, Andrea H.
Public Relations Quarterly, 49, 1, 24(4)
Spring, 2004
ISSN: 0033-3700   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 2809   LINE COUNT: 00232

...   technical information. Respondents also said it was important for
practitioners to understand the deadline-oriented nature of **television**
news.
This data · **suggests** that in order for a story to make it to air, a
health source or public relations...

...Without humanization, a health reporter knows she will not be able to
relate the story to the **television   viewer** , therefore she is less
likely to spend **time** covering the story. In addition, with the personal
and private nature of health and medical news, it...

23/3,K/8   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

13737497   SUPPLIER NUMBER: 76759471   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The Unpredictable Audience: An Exploratory Analysis of Forecasting Error
for New Prime-Time Network Television Programs.(Statistical Data
Included)**
Napoli, Philip M.
Journal of Advertising, 30, 2, 53
Summer, 2001
DOCUMENT TYPE: Statistical Data Included   ISSN: 0091-3367
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 5002   LINE COUNT: 00449

...   tend to consume a greater diversity of program types and become
more difficult to associate with particular **program** -type preferences.
This pattern **suggests** that the viewing behavior of younger viewers
presents less uncertainty and should be easier to predict..than...

...Three programs?
Methodology
To investigate the hypotheses and research question outlined
previously, data were collected on the **predicted** and actual shares of the
total **television   viewing** audience for new prime- **time** network
television programs for the 1993-94 through 1997-98 broadcast seasons. Only
the Big Four networks...

23/3,K/9   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09725741   SUPPLIER NUMBER: 19717113   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The market.(An Annual Report on the Home Video Market 1997)(Industry
   Overview)**
Video Business, v17, n29, pS4(4)
July 14, 1997
DOCUMENT TYPE: Industry Overview   ISSN: 0279-571X   LANGUAGE:
   English   RECORD TYPE: Fulltext
WORD COUNT: 1619   LINE COUNT: 00128

...   third said they watched with another adult, presumably friends or
dates.
     Although men and women are equally. **likely** to **watch** a **movie** with
a spouse, significant other or other adults, spending **time** with the kids
watching videos still falls to mothers more than fathers in most
households. Within households with children, women are significantly more
likely than men to **watch** **videos** with children. Women are also the
primary renters of movies watched by families with children.
     The sharply defined demographic patterns relating to **video** renting
and buying behavior **suggest** that prerecorded **video** is as much a matter
of lifestyle for Americans as it is simply one of several ways...

 23/3,K/10   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05457944   SUPPLIER NUMBER: 11308084   (USE FORMAT 7 OR 9 FOR FULL TEXT)
On beyond demos. (Media Strategy)
Cross, Alison
Inside Media, p38(1)
July 17, 1991
ISSN: 1046-5316   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 1192   LINE COUNT: 00097

...   three groups, and understanding the idiosyncrasies within each
group, enabled Hill, Holliday to put together a targeted **media
recommendation** for Chico-San. An analysis of the media habits of these
consumers indicates that each group has...

...fashion magazines and tend to listen to classic rock radio programming.
     The Diet-Conscious are also light **TV** **viewers** and are more **likely**
 to read magazines and listen to the radio. This group prefers
entertainment programming and TV specials. It...

...soft contemporary radio stations.
     The Health-Concerned are heaviest users of TV among the three groups.
They **watch** news and early- **morning** programming. They read health and
home-service magazines. They prefer easy listening radio.
     The **media** **recommendation** that resulted from this motivationally
oriented target analysis is dramatically.different from one that would have
resulted...

 23/3,K/11   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04895817   SUPPLIER NUMBER: 09809307   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Television station standards for acceptable advertising.
Rotfeld, Herbert J.; Parsons, Patrick R.; Abernethy, Avery M.; Pavlik, John
V.
Journal of Consumer Affairs, v24, n2, p392(19)

...   protection for certain audience groups, especially children,
provides a major goal for the advertising clearance process for **television**
stations.
     Survey data **suggest** that advertising clearance standards were more
rigorous for **programming** **likely** to be **viewed** by children, with
primary concerns directed toward obscenity and violence, a finding also
supported by written comments...

...phone interviews. One survey respondent wrote, "There is a special
sensitivity to children's ads and family **viewing** **times** . An ad may be OK
to air but only after 10 p.m. or never in kids...

 23/3,K/12   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02831252 764999311
"No-You Can't Watch That": Parental Rules and Young Children's Media Use
Vandewater, Elizabeth A; Park, Seoung-Eun; Huang, Xuan; Wartella, Ellen A
American Behavioral Scientist v48n5 PP: 608-623 Jan 2005
ISSN: 0002-7642 JRNL CODE: PAMB

...ABSTRACT: to rules of both types, whereas higher household income was
related to having program rules. Parents with **time** rules reported their
children **watching** less television, but parents with **program** rules
reported their children **watching** more **television** . Parents with **program**
 rules were more **likely** to have positive attitudes toward television and
more likely to be present when their children were viewing...

...of rules were more likely to see their children imitating positive
behaviors from television, whereas parents with **program** rules were more
likely to **see** their children imitating negative behaviors. Exploratory
path models **suggest** that the processes by which **television** time rules
and television program rules are related to young children's viewing differ
in important ways...

 23/3,K/13   (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0620263   DC017A
**AMA SUPPORTS BILL TO REDUCE TV VIOLENCE SEEN BY CHILDREN; NEW TELEVISION
     SETS TO HAVE TECHNOLOGY TO 'BLOCK OUT' VIOLENT PROGRAMMING**

DATE: August 5, 1993   13:00 EDT   WORD COUNT: 425

...will frequently do the
exact opposite of what their parents want them to do," McAfee said.
"Upon **seeing** the advisory appear on the **TV** screen the child might be
even more **likely** to sit down and **view** the **programming** ."

    McAfee also **suggested** last **week** other measures to curb TV violence.
They included Federal Trade Commission hearings to consider a violence
rating...

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	84	(TV or television) and "program selection" and storag$2 and (user$2 OR viewing!) adj2 (habit or pattern) and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:25
L2	8	1 and (predict$5 near2 (preference$3 or habit$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:32
L3	0	1 and probabilit$3 same view$3 same habit$1 same select$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:33
L4	296	"collaborative filtering" and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:36
L6	27	4 and probabilit$3 same select$3 and inference$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:38
L7	0	("previously viewed" or "previously view") and "search history" and (user$2 OR viewing!) adj2 (habit or pattern) and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:54
L8	0	Simulcast$3 and (TV or television) and record$3 near5 program$2 same current$2 and storag$2 and (user$2 OR viewing!) adj2 (habit or pattern) and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:55
L9	58	("cable TV" or "cable television") and "program selection" and storag$2 and (user$2 OR viewing!) adj2 (habit or pattern) and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:55
L10	84	(TV or television) and "program selection" and storag$2 and (user$2 OR viewing!) adj2 (habit or pattern) and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:57
L11	11	((filter$3 or sort$3) same ("active attribute" or "active attributes" or (score$ near (game$1 or sport$))) and event$1 and active! and change$1 and @ad<"20010404") and (database$1 or storage$1 or table$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:58

L12	17	(EPG! and "TV guide" and "program guide" and @ad<"20010404") and (user$2 OR viewing!) adj2 (habit or pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:59
L13	6	9 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:59
L14	1	13 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 11:59
L15	58	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 12:00
L16	0	9 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 12:00
L17	4	(TV or television) and value$2 and selection$2 and storag$2 and (user$2 OR viewing!) adj2 (habit or pattern) and "instant replay" and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/18 12:00

PORTAL
US Patent & Trademark Office

Search: ⊙ The ACM Digital Library   ○ The Guide

collaborative filtering and vewing habits

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **collaborative** **filtering** and **vewing** **habits**   Found **3,665** of **150,885**

Sort results by | relevance ▾
Display results | expanded form ▾

⬙ Save results to a Binder
▣ Search Tips
□ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown

Relevance scale ▢▢▨▨▨

1   Posters: A study of methods for normalizing user ratings in collaborative filtering   ▨
Rong Jin, Luo Si
July 2004   **Proceedings of the 27th annual international conference on Research and development in information retrieval**

Full text available: 🔲 pdf(168.93 KB)   Additional Information: full citation, abstract, references, index terms

The goal of collaborative filtering is to make recommendations for a test user by utilizing the rating information of users who share interests similar to the test user. Because ratings are determined not only by user interests but also the rating habits of users, it is important to normalize ratings of different users to the same scale. In this paper, we compare two different normalization strategies for user ratings, namely the Gaussian normalization method and the decoupling normalization met ...

Keywords: collaborative filtering, rating normalization

2   Item-based collaborative filtering recommendation algorithms   ▨
Badrul Sarwar, George Karypis, Joseph Konstan, John Reidl
April 2001   **Proceedings of the tenth international conference on World Wide Web**

Full text available: 🔲 pdf(257.86 KB)   Additional Information: full citation, references, citings, index terms

3   Collaborative Filtering: Diffusing information in organizational settings: learning from experience   ▨
Dave Snowdon, Antonietta Grasso
April 2002   **Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves**

Full text available: 🔲 pdf(315.88 KB)   Additional Information: full citation, abstract, references, citings, index terms

Recommender systems selectively circulate information enriched with comments and feedback based on people's experience. These systems filter information in a semi-automatic and high-quality way in order to support a community during their work or leisure practices. However recommender systems are usually separate tools that require a degree of effort to be used, both when receiving information and to insert new feedback. In this paper we present our informal experiences with the use of multiple ...

Keywords: information sharing, large-screens, recommender systems, serendipity

4 Collaboration and group work: Enhancing digital libraries with TechLens+
Roberto Torres, Sean M. McNee, Mara Abel, Joseph A. Konstan, John Riedl
June 2004

Full text available: pdf(248.73 KB)   Additional Information: full citation, abstract, references, index terms

The number of research papers available is growing at a staggering rate. Researchers need tools to help them find the papers they should read among all the papers published each year. In this paper, we present and experiment with hybrid recommender algorithms that combine Collaborative Filtering and Content-based. Filtering to recommend research papers to users. Our hybrid algorithms combine the strengths of each filtering approach to address their individual weaknesses. We evaluated our algorit ...

Keywords: collaborative filtering, content-based filtering, digital libraries, hybrid recommender systems

5 Collaborative Filtering: Observed behavior and perceived value of authors in usenet newsgroups: bridging the gap
Andrew T. Fiore, Scott Lee Tiernan, Marc A. Smith
April 2002 **Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves**

Full text available: pdf(363.54 KB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper we describe an evaluation of behavioral descriptors generated from an analysis of a large collection of Usenet newsgroup messages. The metrics describe aspects of newsgroup authors' behavior over time; such information can aid in filtering, sorting, and recommending content from public discussion spaces like newsgroups. To assess the value of a variety of these behavioral descriptors, we compared 22 participants' subjective evaluations of authors whose messages they read to behavio ...

Keywords: behavioral indicators, discussions, persistent conversations, social accounting, social cyberspaces

6 Architecture of the artifact-based collaboration system matrix
K. Jeffay, J. K. Lin, J. Menges, F. D Smith, J. B. Smith
December 1992 **Proceedings of the 1992 ACM conference on Computer-supported cooperative work**

Full text available: pdf(1.06 MB)   Additional Information: full citation, references, citings, index terms

7 The role of built-in knowledge in adaptive interface systems
Daniel Crow, Barbara Smith
February 1993 **Proceedings of the 1st international conference on Intelligent user interfaces**

Full text available: pdf(854.71 KB)   Additional Information: full citation, references, index terms

Keywords: adaptive user interfaces, pattern recognition, task-oriented interfaces, user modeling, user variation

8 Automatic recording agent for digital video server

Atsuyoshi Nakamura, Naoki Abe, Hiroshi Matoba, Katsuhiro Ochiai

October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

Full text available: pdf(932.31 KB)   Additional Information: full citation, abstract, references, citings, index terms

We propose and evaluate the performance of a number of methods for automatic recording of TV programs for digital video servers, which estimate the user's preference over TV programs based on her/his past viewing behavior and automatically record a selected number of TV programs believed to be of interest to the user. Our methods combine the so-called content-based filtering and social (or collaborative) filtering methods and are based on a certain class of on-line learning algorithms known a ...

9 Evaluating image filtering based techniques in media space applications

Qiang Alex Zhao, John T. Stasko

November 1998 **Proceedings of the 1998 ACM conference on Computer supported cooperative work**

Full text available: pdf(850.32 KB)   Additional Information: full citation, references, citings, index terms

Keywords: image filter, informal group awareness, media space, privacy, real-time groupware, video

10 Introduction to collaborative visualization

Greg Johnson, T. Todd Elvins

May 1998 **ACM SIGGRAPH Computer Graphics**, Volume 32 Issue 2

Full text available: pdf(331.70 KB)   Additional Information: full citation, abstract, index terms

To gain additional perspectives and expertise on data and information imaging topics, I will periodically solicit articles from researchers in the visualization community. Greg Johnson has graciously contributed this month's introduction to collaborative visualization. The subject is one that I feel is of growing importance and interest. Greg and I are interested in your views on this emerging technology and welcome your email.

11 Supporting situated actions in high volume conversational data situations

Christopher Lueg

January 1998 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(1.10 MB)   Additional Information: full citation, references, citings, index terms

Keywords: Usenet news, information filtering, situated actions, situated cognition

12 Spectral analysis of data

Yossi Azar, Amos Fiat, Anna Karlin, Frank McSherry, Jared Saia

July 2001 **Proceedings of the thirty-third annual ACM symposium on Theory of computing**

Full text available: pdf(260.34 KB)   Additional Information: full citation, abstract, references, citings, index terms

Experimental evidence suggests that spectral techniques are valuable for a wide range of applications. A partial list of such applications include (i) semantic analysis of documents

used to cluster documents into areas of interest, (ii) collaborative filtering --- the reconstruction of missing data items, and (iii) determining the relative importance of documents based on citation/link structure. Intuitive arguments can explain some of the phenomena that has been observed but little theoret ...

13 Computer-mediated communication in collaborative educational settings (report of the ITICSE '97 working group on CMC in collaborative educational settings)
Ursula Wolz, Jacob Palme, Penny Anderson, Zhi Chen, James Dunne, Göran Karlsson, Atika Laribi, Sirkku Männikkö, Robert Spielvogel, Henry Walker
June 1997 **The supplemental proceedings of the conference on Integrating technology into computer science education: working group reports and supplemental proceedings**

Full text available: pdf(109.30 KB)   Additional Information: full citation, references, citings, index terms

14 Computer-mediated communication in collaborative educational settings: report of the ITICSE '97 working group on CMC in collaborative educational settings
Ursula Wolz, Jacob Palme, Penny Anderson, Zhi Chen, James Dunne, Göran Karlsson, Atika Laribi, Sirkku Männikkö, Robert Spielvogel, Henry Walker
October 1997 **ACM SIGCUE Outlook**, Volume 25 Issue 4

Full text available: pdf(2.14 MB)   Additional Information: full citation, abstract, references, index terms

In educational environments that stress collaboration, the use of computer-mediated communication (CMC) tools can be a source of support as well as a challenge. This paper begins by considering general educational and economic goals and how CMC can be helpful in attaining these goals. A taxonomy of tools for communication and collaboration in education is described. Many sides of the issue are considered, including the roles of teachers and students, problems that can arise and potential solutio ...

15 MultECommerce: a distributed architecture for collaborative shopping on the WWW
Stefano Puglia, Robert Carter, Ravi Jain
October 2000 **Proceedings of the 2nd ACM conference on Electronic commerce**

Full text available: pdf(690.44 KB)   Additional Information: full citation, references, citings, index terms

Keywords: WWW engineering, component technologies, e-commerce APIs, e-commerce architectures, enterprise JavaBeans, shared navigation

16 Supporting personalization: Exploring the relationship between personal and public annotations
Catherine C. Marshall, A. J. Bernheim Brush
June 2004

Full text available: pdf(488.50 KB)   Additional Information: full citation, abstract, references, index terms

Today people typically read and annotate printed documents even if they are obtained from electronic sources like digital libraries If there is a reason for them to share these personal annotations online, they must re-enter them. Given the advent of better computer support for reading and annotation, including tablet interfaces, will people ever share their personal digital ink annotations as is, or will they make substantial changes to them? What can we do to anticipate and support the transit ...

Keywords: annotation, annotation system design, collaboration, digital library use, education, online discussion, reading

17 Creating a custom mass-production channel on the Internet

Greg Elofson, William N. Robinson

March 1998 **Communications of the ACM**, Volume 41 Issue 3

Full text available: pdf(203.92 KB)   Additional Information: full citation, references, citings, index terms

18 Accepted Posters: A zero-input interface for leveraging group experience in web browsing

Taly Sharon, Henry Lieberman, Ted Selker

January 2003 **Proceedings of the 8th international conference on Intelligent user interfaces**

Full text available: pdf(255.69 KB)   Additional Information: full citation, abstract, references, index terms

The experience of a trusted group of colleagues can help users improve the quality and focus of their browsing and searching activities. How could a system provide such help, when and where the users need it, without disrupting their normal work activities? This paper describes Context-Aware Proxy based System (CAPS), an agent that recommends pages and annotates links to reveal their relative popularity among the users colleagues, matched with their automatically computed interest profiles. A We ...

Keywords: CSCW, collaborative filtering, knowledge management, recommender system, social networks, user interface

19 A recipe based on-line food store

Martin Svensson, Jarmo Laaksolahti, Kristina Höök, Annika Waern

January 2000 **Proceedings of the 5th international conference on Intelligent user interfaces**

Full text available: pdf(738.95 KB)   Additional Information: full citation, abstract, references, index terms

Recent research in the area of information retrieval hypothesizes that people benefit from social clues, so called social navigation, when they try to navigate information spaces [7]. We have designed an on-line grocery store building upon those ideas manifested in several different ways. The most central feature is that the system uses a combination of content-based and collaborative filtering as the basis for recipe recommendations. This filtering process can in turn be controlled by edit ...

Keywords: collaborative filtering, content-based filtering, on-line shopping, recommender system, social navigation, user groups

20 Where did you put it? Issues in the design and use of a group memory

Lucy M. Berlin, Robin Jeffries, Vicki L. O'Day, Andreas Paepcke, Cathleen Wharton

May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(1.07 MB)   Additional Information: full citation, abstract, references, citings, index terms

Collaborating teams of knowledge workers need a common repository in which to share information gathered by individuals or developed by the team. This is difficult to achieve in practice, because individual information access strategies break down with group information—people can generally find things that are on their own messy desks and file systems, but not on other people's. The design challenge in a group memory is thus to enable low-effort informatio ...

Keywords: collaborative work, group conventions, group memory, information search and retrieval, information sharing

Results 1 - 20 of 200   Result page: **1**   2   3   4   5   6   7   8   9   10   next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
Terms of Usage   Privacy Policy   Code of Ethics   Contact Us

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player

PORTAL

US Patent & Trademark Office

Search: ⊙ The ACM Digital Library   ○ The Guide

(TV or television) and program selection and vewing habits

THE ACM DIGITAL LIBRARY

ℱ Feedback Report a problem Satisfaction survey

Terms used
TV or **television** and **program** **selection** and **vewing** **habits**

Found **35,964** of **150,885**

Sort results by | relevance ▾ |
Display results | expanded form ▾ |

🔖 Save results to a Binder
？ Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown

Relevance scale ☐ ▭ ▨ ▨ ▨

1   The personal electronic program guide—towards the pre-selection of individual TV programs   ▨
Michael Ehrmantraut, Theo Härder, Hartmut Wittig, Ralf Steinmetz
November 1996 **Proceedings of the fifth international conference on Information and knowledge management**

Full text available: 📄 pdf(923.87 KB)   Additional Information: full citation, references, index terms

2   Is it live or is it Memorex?   ▨
Tory Sawyer, Randy Anderson, Gary McCuaig
September 1986 **Proceedings of the 14th annual ACM SIGUCCS conference on User services: setting the direction**

Full text available: 📄 pdf(2.60 MB)   Additional Information: full citation, index terms

3   Using data mining to profile TV viewers   ▨
William E. Spangler, Mordechai Gal-Or, Jerrold H. May
December 2003 **Communications of the ACM**, Volume 46 Issue 12

Full text available: 📄 pdf(109.63 KB)   Additional Information: full citation, abstract, references, index terms
📄 html(29.31 KB)

Mining thousands of viewing choices and millions of patterns, advertisers and TV networks identify household characteristics, tastes, and desires to create and deliver custom targeted advertising.

4   Computer applications in a cable television environment   ▨
Howard Buckholtz, Eileen Buckholtz
August 1973 **Proceedings of the annual conference**

Full text available: 📄 pdf(649.01 KB)   Additional Information: full citation, abstract, references, index terms

The intention of this paper is to survey the field of cable television and computer applications.

5   ▨
Automatic recording agent for digital video server

Atsuyoshi Nakamura, Naoki Abe, Hiroshi Matoba, Katsuhiro Ochiai
October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

Full text available: 🔳 pdf(952.31 KB)   Additional Information: full citation, abstract, references, citings, index terms

We propose and evaluate the performance of a number of methods for automatic recording of TV programs for digital video servers, which estimate the user's preference over TV programs based on her/his past viewing behavior and automatically record a selected number of TV programs believed to be of interest to the user. Our methods combine the so-called content-based filtering and social (or collaborative) filtering methods and are based on a certain class of on-line learning algorithms known a ...

6 Cooking with Linux: watching the community network
Marcel Gagné
September 2003 **Linux Journal**, Volume 2003 Issue 113

Full text available: 🔳 html(19.85 KB)   Additional Information: full citation

7 Pen computing: a technology overview and a vision
André Meyer
July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Full text available: 🔳 pdf(5.14 MB)   Additional Information: full citation, abstract, citings, index terms

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions.Starting with a short historic ...

8 Double agent—presentation and filtering agents for a digital television recording system
Peter Meuleman, Anita Heister, Han Kohar, Douglas Tedd
April 1998 **CHI 98 conference summary on Human factors in computing systems**

Full text available: 🔳 pdf(265.01 KB)   Additional Information: full citation, references, citings, index terms

Keywords: agents, anthropomorphism, content filtering, television user interfaces, user profiling

9 Long-term movie popularity models in video-on-demand systems: or the life of an on-demand movie
Carsten Griwodz, Michael Bär, Lars C. Wolf
November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Full text available: 🔳 pdf(1.24 MB)   Additional Information: full citation, references, citings, index terms

10 The fuzzy felt ethnography—understanding the programming patterns of domestic appliances
Jennifer A. Rode, Eleanor F. Toye, Alan F. Blackwell
July 2004 **Personal and Ubiquitous Computing**, Volume 8 Issue 3-4

Full text available: pdf(1.84 MB)   Additional Information: full citation, abstract, index terms

In this paper, we discuss domestic appliance use based on an ethnographic study of nine households. Specifically, we look at which domestic appliances users choose to "program", and break them into two categories for analysis; those that allow users to program actions for the future and those that allow for macro creation to make repeated tasks easier. We also look at domestic programming habits based on gender.

Keywords: Domestic appliances, Ethnography, Gender, Programming

11 Residential user characterisation: The networked home as a user-centric multimedia system
Ankur Mani, Hari Sundaram, David Birchfield, Gang Qian
October 2004 **Proceedings of the 2004 ACM workshop on Next-generation residential broadband challenges**
Full text available: pdf(1.42 MB)   Additional Information: full citation, abstract, references, index terms

This is a position paper that frames a networked home as a situated, user-centric multimedia system. The problem is important for two reasons - (a) the emergence of high speed networked connections alter media consumption and interaction practices and (b) ordinary consumers currently communicate everyday experiences through limited means (e.g. e-mail attachments). We need new mechanisms for networked creation and consumption of media, as well as new interaction paradigms that will allow us to ...

Keywords: communication, context models, networked home, situated systems

12 Session 2: streaming: Personalized advertisement-duration control for streaming delivery
Takashi Oshiba, Yuichi Koike, Masahiro Tabuchi, Tomonari Kamba
December 2002 **Proceedings of the tenth ACM international conference on Multimedia**
Full text available: pdf(787.42 KB)   Additional Information: full citation, abstract, references

This paper describes the development of a streaming advertisement delivery system that controls the insertion of streaming advertisements into streaming content.Conventional personalization techniques lack a time-control function for advertisement insertion, so the advertisement exposure for each user access can become excessive, much to the annoyance of viewers. This could devalue streaming content by making it less attractive.In our technique, advertisement insertion control is based on the hi ...

Keywords: advertisement delivery, internet streaming, personalization

13 Electronic commerce: a half-empty glass?
Sasa Dekleva
June 2000 **Communications of the AIS**
Full text available: pdf(343.49 KB)   Additional Information: full citation, references

14 OOPSLA onward! track: No name: just notes on software reuse
Robert Biddle, Angela Martin, James Noble
December 2003 **ACM SIGPLAN Notices**, Volume 38 Issue 12
Full text available: pdf(2.62 MB)   Additional Information: full citation, abstract, references, index terms

In the beginning, so our myths and stories tell us, the programmer created the program from the eternal nothingness of the void. In this essay, we recognise that programs these days are like any other assemblage, and suggest that in fact programming has always been about reuse. We also explore the nature of reuse, and claim that Components themselves are not the most important consideration for reuse; it is the end product, the composition. The issues still involve value, investment, and return. ...

Keywords: components, object-oriented programming, software reuse

15 Onward papers: No name: just notes on software reuse

Robert Biddle, Angela Martin, James Noble

October 2003 **Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**

Full text available: pdf(1.81 MB)   Additional Information: full citation, abstract, references, index terms

In the beginning, so our myths and stories tell us, the programmer created the program from the eternal nothingness of the void. In this essay, we recognise that programs these days are like any other assemblage, and suggest that in fact programming has always been about reuse. We also explore the nature of reuse, and claim that Components themselves are not the most important consideration for reuse; it is the end product, the composition. The issues still involve value, investment, and return. ...

Keywords: components, object-oriented programming, software reuse

16 Democracy & information processing

Edwin B. Parker

December 1974 **ACM SIGCAS Computers and Society**, Volume 5 Issue 4

Full text available: pdf(778.19 KB)   Additional Information: full citation

17 Technology to help poeple find information: SmartSkip: consumer level browsing and skipping of digital video content

Steven M. Drucker, Asta Glatzer, Steven De Mar, Curtis Wong

April 2002 **Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves**

Full text available: pdf(573.82 KB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper, we describe an interface for browsing and skipping digital video content in a consumer setting; that is, sitting and watching television from a couch using a standard remote control. We compare this interface with two other interfaces that are in common use today and found that subjective satisfaction was statistically better with the new interface. Performance metrics however, like time to task completion and number of clicks were worse.

Keywords: DVR, PVR, browsing, digital video, skipping, television, user interfaces, user studies

18 Computer science curriculum for high school students

R. M. Aiken, C. E. Hughes, J. M. Moshell

February 1980 **ACM SIGCSE Bulletin , Proceedings of the eleventh SIGCSE technical symposium on Computer science education**, Volume 12 Issue 1

Full text available: pdf(539.71 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper describes a current project to design an Introductory Computer Science Course for High School students. Problems concerning the choice of hardware, the selection of software, programming language(s) and the overall design of the curriculum are discussed. In addition, some previous related research is summarized and a plan for future activities is outlined.

19 Automatic construction of personalized TV news programs
Bernard Merialdo, Kyung Tak Lee, Dario Luparello, Jeremie Roudaire
October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1)**
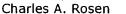
Full text available: pdf(1.62 MB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper, we study the automatic construction of personalized TV News programs, where we want to build a program with predefined duration and maximum content value for a specific user. We combine video indexing techniques to parse TV News recordings into stories, and information filtering techniques to select stories which are most adequate given the user profile. We formalize the selection process as an optimization problem, and we study how to take into account duration in the select ...

Keywords: information filtering, multimedia indexing, personalization, user profile, video summary

20 Robots, productivity and quality
Charles A. Rosen
August 1972 **Proceedings of the ACM annual conference - Volume 1**

Full text available: pdf(1.94 MB)   Additional Information: full citation, abstract, references, citings, index terms
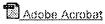
There is a growing national need to increase the real productivity of our society, wherein "productivity" is redefined to include such major factors as the quality of life of workers and the quality of products, consistent with the desires and expectations of the general public. This paper proposed the development of automation technology designed to increase quality, in all its aspects, at an acceptable cost to society. The proposed program is divided into two phases ...

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next

P⊗RTAL

US Patent & Trademark Office

Search: ⦿ The ACM Digital Library　○ The Guide

vewing habits and probability of selection

THE ACM DIGITAL LIBRARY

🄵 Feedback　Report a problem　Satisfaction survey

Terms used **vewing habits** and **probability of selection**　Found **17,848** of **150,885**

Sort results by | relevance ▾
Display results | expanded form ▾

◈ Save results to a Binder
🄰 Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200　　Result page: **1**　2　3　4　5　6　7　8　9　10　next
Best 200 shown　　　　　　　　　　　　　　　　　　Relevance scale ☐ ▨ ▨ ▨ ▨

1 A selective location update strategy for PCS users
Sanjoy K. Sen, Amiya Bhattacharya, Sajal K. Das
October 1999 **Wireless Networks**, Volume 5 Issue 5

Full text available: 📄 pdf(219.12 KB)　Additional Information: full citation, references, citings, index terms

2 Subset selection procedures with special reference to the analysis of two-way layout: Application to motor-vehicle fatality data
Shanti S. Gupta, Jason C. Hsu
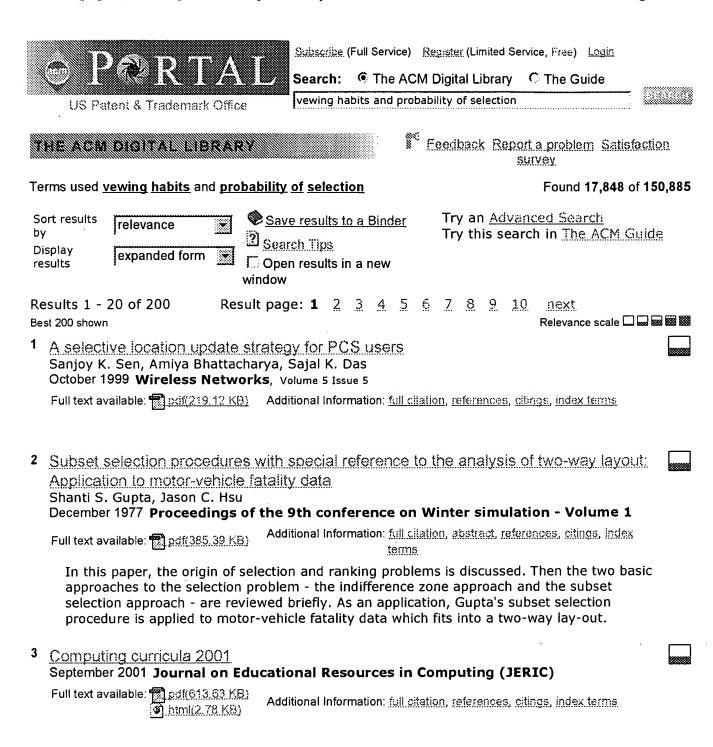December 1977 **Proceedings of the 9th conference on Winter simulation - Volume 1**

Full text available: 📄 pdf(385.39 KB)　Additional Information: full citation, abstract, references, citings, index terms

In this paper, the origin of selection and ranking problems is discussed. Then the two basic approaches to the selection problem - the indifference zone approach and the subset selection approach - are reviewed briefly. As an application, Gupta's subset selection procedure is applied to motor-vehicle fatality data which fits into a two-way lay-out.

3 Computing curricula 2001
September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available: 📄 pdf(613.63 KB)
📄 html(2.78 KB)　Additional Information: full citation, references, citings, index terms

4 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: 📄 pdf(4.21 MB)　Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

5 ε-mdps: learning in varying environments

István Szita, Bálint Takács, András Lörincz

March 2003 **The Journal of Machine Learning Research**, Volume 3

Full text available: pdf(330.74 KB)   Additional Information: full citation, abstract, references, index terms

In this paper ε-MDP-models are introduced and convergence theorems are proven using the generalized MDP framework of Szepesvari and Littman. Using this model family, we show that Q-learning is capable of finding near-optimal policies in varying environments. The potential of this new family of MDP models is illustrated via a reinforcement learning algorithm called *event-learning* which separates the optimization of decision making from the controller. We show that event-learning au ...

Keywords: ε-MDP, MDP, SARSA, SDS controller, convergence, event-learning, generalized MDP, reinforcement learning

6 Cost/benefit based adaptive dialog: case study using empirical medical practice norms and intelligent split menus

Jim Warren

January 2001 **Australian Computer Science Communications , Proceedings of the 2nd Australasian conference on User interface**, Volume 23 Issue 5

Full text available: pdf(843.80 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Publisher Site

The notion of an adaptive user interface, one that accommodates user needs based on knowledge of the task at hand, is compelling but difficult to make practical. This paper examines models of the utility (as balancing of cost and benefit) in the initiation of task-specific dialog based on conditional probability of user goals in context. Illustrations in this paper are based on an empirical model of General Practice (GP) medicine as derived from a large database of GP/patient encounters. Applica ...

7 Long-term movie popularity models in video-on-demand systems: or the life of an on-demand movie

Carsten Griwodz, Michael Bär, Lars C. Wolf

November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Full text available: pdf(1.24 MB)   Additional Information: full citation, references, citings, index terms

8 Information systems outsourcing: a survey and analysis of the literature

Jens Dibbern, Tim Goles, Rudy Hirschheim, Bandula Jayatilaka

November 2004 **ACM SIGMIS Database**, Volume 35 Issue 4

Full text available: pdf(1.51 MB)   Additional Information: full citation, abstract, references

In the last fifteen years, academic research on information systems (IS) outsourcing has evolved rapidly. Indeed the field of outsourcing research has grown so fast that there has been scant opportunity for the research community to take a collective breath, and complete a global assessment of research activities to date. This paper seeks to address this need by exploring and synthesizing the academic literature on IS outsourcing. It offers a roadmap of the IS outsourcing literature, highligh ...

Keywords: determinants, literature review, outcomes, outsourcing, relationships, research approaches, theoretical foundations
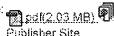
9 Simple, state-based approaches to program-based anomaly detection
C. C. Michael, Anup Ghosh
August 2002 **ACM Transactions on Information and System Security (TISSEC)**, Volume 5
Issue 3

Full text available: pdf(459.57 KB)   Additional Information: full citation, abstract, references, citings, index terms

This article describes variants of two state-based intrusion detection algorithms from Michael and Ghosh [2000] and Ghosh et al. [2000], and gives experimental results on their performance. The algorithms detect anomalies in execution audit data. One is a simply constructed finite-state machine, and the other two monitor statistical deviations from normal program behavior. The performance of these algorithms is evaluated as a function of the amount of available training data, and they are compar ...

Keywords: Anomaly detection, finite automata, information system security, intrusion detection, machine learning

10 Modeling PCS networks under general call holding time and cell residence time distributions
Yuguang Fang, Imrich Chlamtac, Yi-Bing Lin
December 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 6

Full text available: pdf(566.70 KB)   Additional Information: full citation, references, citings, index terms

Keywords: PCS, billing rate planning, call blocking, call holding time, call termination, cell residence, handoff

11 Revisitation patterns in World Wide Web navigation
Linda Tauscher, Saul Greenberg
March 1997 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(984.35 KB)   Additional Information: full citation, references, citings, index terms

Keywords: WWW, history mechanisms, hypertext, navigation, web

12 Personalizing web sites for mobile users
Corin R. Anderson, Pedro Domingos, Daniel S. Weld
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(385.99 KB)   Additional Information: full citation, references, citings, index terms

13 Keystroke level analysis of email message organization
Olle Bälter
April 2000 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(305.14 KB)   Additional Information: full citation, abstract, references, citings, index terms

Organization of email messages takes an increasing amount of time for many email users. Research has demonstrated that users develop very different strategies to handle this

organization. In this paper, the relationship between the different organization strategies and the time necessary to use a certain strategy is illustrated by a mathematical model based on keystroke-level analysis. The model estimates time usage for archiving and retrieving email messages for individual users. Besides exp ...

Keywords: email, model, organisation of messages, user

14 Behavioral Aspects of Text Editors
David W. Embley, George Nagy
January 1981 **ACM Computing Surveys (CSUR)**, Volume 13 Issue 1

Full text available: pdf(3.44 MB)   Additional Information: full citation, references, citings

15 Automatic recording agent for digital video server
Atsuyoshi Nakamura, Naoki Abe, Hiroshi Matoba, Katsuhiro Ochiai
October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

Full text available: pdf(932.31 KB)   Additional Information: full citation, abstract, references, citings, index terms

We propose and evaluate the performance of a number of methods for automatic recording of TV programs for digital video servers, which estimate the user's preference over TV programs based on her/his past viewing behavior and automatically record a selected number of TV programs believed to be of interest to the user. Our methods combine the so-called content-based filtering and social (or collaborative) filtering methods and are based on a certain class of on-line learning algorithms known a ...

16 The winter simulation conference: perspectives of the founding fathers
Michel Araten, Harold G. Hixson, Austin C. Hoggatt, Philip J. Kiviat, Michael F. Morris, Arnold Ockene, Julian Reitman, Joseph M. Sussman, James R. Wilson
December 1992 **Proceedings of the 24th conference on Winter simulation**

Full text available: pdf(2.83 MB)   Additional Information: full citation, references, citings, index terms

17 A new location update strategy for cellular networks and its implementation using a genetic algorithm
Sajal K. Das, Sanjoy K. Sen
September 1997 **Proceedings of the 3rd annual ACM/IEEE international conference on Mobile computing and networking**

Full text available: pdf(1.60 MB)   Additional Information: full citation, references, citings, index terms

18 Seven habits of highly successful input modelers
Larry Leemis
December 1997 **Proceedings of the 29th conference on Winter simulation**

Full text available: pdf(661.21 KB)   Additional Information: full citation, references, index terms

19 Principled disambiguation: discriminating adjective senses with modified nouns
John S. Justeson, Slava M. Katz
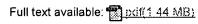March 1995 **Computational Linguistics**, Volume 21 Issue 1

Full text available: pdf(2.03 MB)   Additional Information: full citation, abstract, references

Publisher Site

Recent corpus-based work on word sense disambiguation explores the application of statistical pattern recognition procedures to lexical co-occurrence data from very large text databases. In this paper we argue for a linguistically principled approach to disambiguation, in which relevant contextual clues are narrowly defined, in syntactic and semantic terms, and in which only highly reliable clues are exploited. Statistical methods play a definite role in this work, helping to organize and analyz ...

20 The vocabulary problem in human-system communication

G. W. Furnas, T. K. Landauer, L. M. Gomez, S. T. Dumais

November 1987 **Communications of the ACM**, Volume 30 Issue 11

Full text available: pdf(1 44 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

In almost all computer applications, users must enter correct words for the desired objects or actions. For success without extensive training, or in first-tries for new targets, the system must recognize terms that will be chosen spontaneously. We studied spontaneous word choice for objects in five application-related domains, and found the variability to be surprisingly large. In every case two people favored the same term with probability <0.20. Simulations show how this fundamental prop ...

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10 next

◆IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review | Quick Links ▼ |

» Se

Welcome to IEEE Xplore

○ Home
○ What Can
   I Access?
○ Log-out

Tables of Contents

○ Journals
   & Magazines
○ Conference
   Proceedings
○ Standards

Search

○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services

○ Join IEEE
○ Establish IEEE
   Web Account
○ Access the
   IEEE Member
   Digital Library

○ Access the
   IEEE Enterprise
   File Cabinet

🖶 Print Format

Your search matched **58779** of **1128145** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enterii
new one in the text box.

| viewing habit<and>probability or selection | Search |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

1 **Selective pressure in evolutionary algorithms: a characterization of selection mechanisms**
Back, T.;
Evolutionary Computation, 1994. IEEE World Congress on Computational Intelligence., Proceedings of the First IEEE Conference on , 27-29 June 1994
Pages:57 - 62 vol.1

[Abstract]   [PDF Full-Text (584 KB)]   **IEEE CNF**

2 **Path selection methods for localized quality of service routing**
Xin Yuan; Saifee, A.;
Computer Communications and Networks, 2001. Proceedings. Tenth Internati
Conference on , 15-17 Oct. 2001
Pages:102 - 107

[Abstract]   [PDF Full-Text (120 KB)]   **IEEE CNF**

3 **Optimal scheduling system with multiple status selection rules**
Sasai, T.; Ikkai, Y.; Ohkawa, T.; Komoda, N.;
Industrial Electronics, Control and Instrumentation, 1994. IECON '94., 20th International Conference on , Volume: 2 , 5-9 Sept. 1994
Pages:1123 - 1128 vol.2

[Abstract]   [PDF Full-Text (492 KB)]   **IEEE CNF**

4 **Using common random numbers for indifference-zone selection**
Chen, E.J.;
Simulation Conference, 2001. Proceedings of the Winter , Volume: 1 , 9-12 D
2001
Pages:408 - 416 vol.1

[Abstract]   [PDF Full-Text (594 KB)]   **IEEE CNF**

---

5 New results on selection diversity
Neasmith, E.A.; Beaulieu, N.C.;
Communications, IEEE Transactions on , Volume: 46 , Issue: 5 , May 1998
Pages:695 - 704

[Abstract]   [PDF Full-Text (428 KB)]   **IEEE JNL**

---

6 Orthogonal forward selection and backward elimination algorithms ᵢ feature subset selection
Mao, K.Z.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 34 , Is
1 , Feb. 2004
Pages:629 - 634

[Abstract]   [PDF Full-Text (200 KB)]   **IEEE JNL**

---

7 Toward transparent selective sequential consistency in distributed shared memory systems
Chengzheng Sun; Zhiyi Huang; Wanju lei; Saitar, A.;
Distributed Computing Systems, 1998. Proceedings. 18th International Confeɪ
on , 26-29 May 1998
Pages:572 - 581

[Abstract]   [PDF Full-Text (172 KB)]   **IEEE CNF**

---

8 Data and model-driven selection using closely-spaced parallel-line groups
Syeda-Mahmood, T.F.;
Computer Vision and Pattern Recognition, 1994. Proceedings CVPR '94., 1994
Computer Society Conference on , 21-23 June 1994
Pages:881 - 886

[Abstract]   [PDF Full-Text (528 KB)]   **IEEE CNF**

---

9 Group selection and its application to constrained evolutionary optimization
Ming Chang; Ohkura, K.; Ueda, K.; Sugiyama, M.;
Evolutionary Computation, 2003. CEC '03. The 2003 Congress on , Volume: 1
12 Dec. 2003
Pages:684 - 691 Vol.1

[Abstract]   [PDF Full-Text (1683 KB)]   **IEEE CNF**

---

10 Optimum selection diversity for BPSK signals in Rayleigh fading channels
Young Gil Kim; Sang Wu Kim;
Communications, IEEE Transactions on , Volume: 49 , Issue: 10 , Oct. 2001
Pages:1715 - 1718

[Abstract]   [PDF Full-Text (128 KB)]   **IEEE JNL**

Jl

11 Algorithm selection: a quantitative optimization-intensive approach
Potkonjak, M.; Rabaey, J.M.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 18 , Issue: 5 , May 1999
Pages:524 - 532

[Abstract]   [PDF Full-Text (144 KB)]   **IEEE JNL**

---

12 Critical process drive selection for a cement plant
Paul, B.N.; Schaadt, J.L.;
Cement Industry Technical Conference, 2003. Conference Record. IEEE-IAS/P 2003 , 4-9 May 2003
Pages:21 - 35

[Abstract]   [PDF Full-Text (1036 KB)]   **IEEE CNF**

---

13 Effects of selection schemes in genetic programming for time series prediction
Jung-Jib Kim; Byoung-Tak Zhang;
Evolutionary Computation, 1999. CEC 99. Proceedings of the 1999 Congress on , Volume: 1 , 6-9 July 1999
Pages: 258 Vol. 1

[Abstract]   [PDF Full-Text (400 KB)]   **IEEE CNF**

---

14 MIMO antenna subset selection with space-time coding
Gore, D.A.; Paulraj, A.J.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sign Processing, IEEE Transactions on] , Volume: 50 , Issue: 10 , Oct. 2002
Pages:2580 - 2588

[Abstract]   [PDF Full-Text (389 KB)]   **IEEE JNL**

---

15 Empirical studies of a safe regression test selection technique
Rothermel, G.; Harrold, M.J.;
Software Engineering, IEEE Transactions on , Volume: 24 , Issue: 6 , June 19'
Pages:401 - 419

[Abstract]   [PDF Full-Text (556 KB)]   **IEEE JNL**

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE   ◆IEEE

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE Xplore

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review | **Quick Links**   ▼ | » Se

Your search matched **7** of **1128145** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enterii
new one in the text box.

| viewing habit | Search |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **The television village**
Ellis, R.J.G.;
Broadcasting Convention, 1990. IBC 1990., International , 21-25 Sep 1990
Pages:331 - 335

[Abstract]   [PDF Full-Text (416 KB)]   **IEE CNF**

---

2 **Development and features of a TV navigation system**
Isobe, T.; Fujiwara, M.; Kaneta, H.; Uratani, N.; Morita, T.;
Consumer Electronics, IEEE Transactions on , Volume: 49 , Issue: 4 , Nov. 20
Pages:1035 - 1042

[Abstract]   [PDF Full-Text (908 KB)]   **IEEE JNL**

---

3 **Inferring identity from user behaviour**
Carey, M.J.; Tattersall, G.D.; Lloyd-Thomas, H.; Russell, M.J.;
Vision, Image and Signal Processing, IEE Proceedings- , Volume: 150 , Issue:
6 , 15 Dec. 2003
Pages:383 - 388

[Abstract]   [PDF Full-Text (310 KB)]   **IEE JNL**

---

4 **Development and features of a TV navigation system**
Isobe, T.; Fujiwara, M.; Kaneta, H.; Uratani, N.; Morita, T.;
Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on , 1
June 2003
Pages:82 - 83

[Abstract]   [PDF Full-Text (274 KB)]   **IEEE CNF**

Welcome to IEEE Xplore
○ Home
○ What Can
   I Access?
○ Log-out

Tables of Contents
○ Journals
   & Magazines
○ Conference
   Proceedings
○ Standards

Search
○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services
○ Join IEEE
○ Establish IEEE
   Web Account
○ Access the
   IEEE Member
   Digital Library

○ Access the
   IEEE Enterprise
   File Cabinet

🖶 Print Format

5 A per-object-granularity tracking mechanism for interactive TV viewership estimation and program rating
Liang-Jie Zhang; Lurng-Kuo Liu; Dong Xie; Lipscomb, J.S.;
Multimedia Software Engineering, 2002. Proceedings. Fourth International
Symposium on , 11-13 Dec. 2002
Pages:98 - 105

[Abstract]   [PDF Full-Text (573 KB)]   **IEEE CNF**

---

6 Trends in Cable TV
Ports, D.;
Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 23 , Iss
1 , Jan 1975
Pages:92 - 96

[Abstract]   [PDF Full-Text (520 KB)]   **IEEE JNL**

---

7 TV gets personal [personal video recorders]
Oliphant, A.; Scudamore, B.;
IEE Review , Volume: 47 , Issue: 5 , Sept. 2001
Pages:9 - 13

[Abstract]   [PDF Full-Text (484 KB)]   **IEE JNL**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

◇IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore

Welcome
United States Patent and Trademark Office

» Se

Help   FAQ   Terms   IEEE Peer Review   **Quick Links**   ▼

Welcome to IEEE Xplore

○ Home
○ What Can
   I Access?
○ Log-out

Tables of Contents

○ Journals
   & Magazines
○ Conference
   Proceedings
○ Standards

Search

○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services

○ Join IEEE
○ Establish IEEE
   Web Account
○ Access the
   IEEE Member
   Digital Library

○ Access the
   IEEE Enterprise
   File Cabinet

🖨 Print Format

Your search matched **57** of **1128145** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri new one in the text box.

| collaborative filtering | **Search** |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **Vineyard: a collaborative filtering service platform in distributed environment**
Oka, T.; Morikawa, H.; Aoyama, T.;
Applications and the Internet Workshops, 2004. SAINT 2004 Workshops. 2004
International Symposium on , 26-30 Jan. 2004
Pages:575 - 581

[Abstract]   [PDF Full-Text (262 KB)]   **IEEE CNF**

---

2 **Ganging up on information overload**
Borchers, A.; Herlocker, J.; Konstan, J.; Reidl, J.;
Computer , Volume: 31 , Issue: 4 , April 1998
Pages:106 - 108

[Abstract]   [PDF Full-Text (228 KB)]   **IEEE JNL**

---

3 **Amazon.com recommendations: item-to-item collaborative filtering**
Linden, G.; Smith, B.; York, J.;
Internet Computing, IEEE , Volume: 7 , Issue: 1 , Jan.-Feb. 2003
Pages:76 - 80

[Abstract]   [PDF Full-Text (359 KB)]   **IEEE JNL**

---

4 **Active fuzzy clustering for collaborative filtering**
Srinivasa, N.; Medasani, S.;
Fuzzy Systems, 2004. Proceedings. 2004 IEEE International Conference
on , Volume: 3 , 25-29 July 2004
Pages:1697 - 1702 vol.3

[Abstract]   [PDF Full-Text (972 KB)]   **IEEE CNF**

5 Finding users' latent interests for recommendation by learning class systems
Terano, T.; Murakami, E.;
Knowledge-Based Intelligent Engineering Systems and Allied Technologies, 20
Proceedings. Fourth International Conference on , Volume: 2 , 30 Aug.-1 Sept
2000
Pages:651 - 654 vol.2

[Abstract]   [PDF Full-Text (368 KB)]   **IEEE CNF**

6 A recommendation algorithm using multi-level association rules
Choonho Kim; Juntae Kim;
Web Intelligence, 2003. WI 2003. Proceedings. IEEE/WIC International Confei
on , 13-17 Oct. 2003
Pages:524 - 527

[Abstract]   [PDF Full-Text (209 KB)]   **IEEE CNF**

7 Cellular phone ringing tone recommendation system based on collaborative filtering method
Kostov, V.; Naito, E.; Ozawa, J.;
Computational Intelligence in Robotics and Automation, 2003. Proceedings. 2(
IEEE International Symposium on , Volume: 1 , 16-20 July 2003
Pages:378 - 383 vol.1

[Abstract]   [PDF Full-Text (374 KB)]   **IEEE CNF**

8 A logical framework for fuzzy collaborative filtering
Aguzzoli, S.; Avesani, P.; Gerla, B.;
Fuzzy Systems, 2001. The 10th IEEE International Conference on , Volume: 2
Dec. 2001
Pages:1043 - 1046 vol.3

[Abstract]   [PDF Full-Text (522 KB)]   **IEEE CNF**

9 Feature weighting and instance selection for collaborative filtering
Kai Yu; Zhong Wen; Xiaowei Xu; Ester, M.;
Database and Expert Systems Applications, 2001. Proceedings. 12th Internati
Workshop on , 3-7 Sept. 2001
Pages:285 - 290

[Abstract]   [PDF Full-Text (472 KB)]   **IEEE CNF**

10 Flycasting: using collaborative filtering to generate a playlist for on radio
Hauver, D.B.; French, J.C.;
Web Delivering of Music, 2001. Proceedings. First International Conference on
24 Nov. 2001
Pages:123 - 130

[Abstract]   [PDF Full-Text (339 KB)]   **IEEE CNF**

11 Probabilistic memory-based collaborative filtering
Kai Yu; Schwaighofer, A.; Tresp, V.; Xiaowei Xu; Kriegel, H.-P.;
Knowledge and Data Engineering, IEEE Transactions on , Volume: 16 , Issue: 1 , Jan. 2004
Pages:56 - 69

[Abstract]   [PDF Full-Text (1061 KB)]   IEEE JNL

12 Collaborative filtering with privacy
Canny, J.;
Security and Privacy, 2002. Proceedings. 2002 IEEE Symposium on , 2002
Pages:45 - 57

[Abstract]   [PDF Full-Text (384 KB)]   IEEE CNF

13 Using category-based collaborative filtering in the Active WebMuse
Kohrs, A.; Merialdo, B.;
Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference on , Volume: 1 , 30 July-2 Aug. 2000
Pages:351 - 354 vol.1

[Abstract]   [PDF Full-Text (488 KB)]   IEEE CNF

14 Improvement of naive Bayes collaborative filtering using interval estimation
Robles, V.; Larranaga, P.; Menasalvas, E.; Perez, M.S.; Herves, V.;
Web Intelligence, 2003. WI 2003. Proceedings. IEEE/WIC International Confei on , 13-17 Oct. 2003
Pages:168 - 174

[Abstract]   [PDF Full-Text (258 KB)]   IEEE CNF

15 Research and design of an efficient collaborative filtering predicati(algorithm
Qilin Li; Mingtian Zhou;
Parallel and Distributed Computing, Applications and Technologies, 2003. PDCAT'2003. Proceedings of the Fourth International Conference on , 27-29 A 2003
Pages:171 - 174

[Abstract]   [PDF Full-Text (386 KB)]   IEEE CNF

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

◆IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review   **Quick Links**   ▼   » Se:

Welcome to IEEE Xplore®
- ○ Home
- ○ What Can
  I Access?
- ○ Log-out

Tables of Contents
- ○ Journals
  & Magazines
- ○ Conference
  Proceedings
- ○ Standards

Search
- ○ By Author
- ○ Basic
- ○ Advanced
- ○ CrossRef

Member Services
- ○ Join IEEE
- ○ Establish IEEE
  Web Account
- ○ Access the
  IEEE Member
  Digital Library

- ○ Access the
  IEEE Enterprise
  File Cabinet

Your search matched **0** of **1128145** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enterii
new one in the text box.

| collaborative filtering <and>viewing habits | Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

Results:
No documents matched your query.

🖨 Print Format

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

◆IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links   ▾

» Se:

Welcome to IEEE Xplore

○ Home
○ What Can
   I Access?
○ Log-out

Tables of Contents

○ Journals
   & Magazines
○ Conference
   Proceedings
○ Standards

Search

○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services

○ Join IEEE
○ Establish IEEE
   Web Account
○ Access the
   IEEE Member
   Digital Library

○ Access the
   IEEE Enterprise
   File Cabinet

Your search matched **2** of **1128145** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enterii
new one in the text box.

| viewing habit<and>program selection | Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

_____

1 **Development and features of a TV navigation system**
Isobe, T.; Fujiwara, M.; Kaneta, H.; Uratani, N.; Morita, T.;
Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on , 1
June 2003
Pages:82 - 83

[Abstract]   [PDF Full-Text (274 KB)]   **IEEE CNF**
_____

2 **Development and features of a TV navigation system**
Isobe, T.; Fujiwara, M.; Kaneta, H.; Uratani, N.; Morita, T.;
Consumer Electronics, IEEE Transactions on , Volume: 49 , Issue: 4 , Nov. 20
Pages:1035 - 1042

[Abstract]   [PDF Full-Text (908 KB)]   **IEEE JNL**
_____

🖶 Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

Google
Groups BETA

Web   Images   **Groups**   News   Froogle   Local^New!   **more »**

collaborative filtering and viewing hi | Search Groups | Advanced Groups Search
Preferences

The "AND" operator is unnecessary -- we include all search terms by default [details]

| Members: | Sign in |
| New users: | Join |

Google Groups

Create a new group

Recently visited [clear]

comp.infosys...-windows

About Google Groups

Searched all groups   Results **1 - 10** of 12 for collaborative filtering and vi

Sorted by relevance   Sort by date

Database site ready for comments
... the link or data, and people **viewing** the link ... And of course, in my **collaborative**
filtering version of ... encourages better research and data compilation **habits**. ...

soc.genealogy.medieval -- Mar 23 2001, 10:40 pm by Don Stone -- 22 messages
- 13 authors

Repaly vs TiVo
... the programs you like, I do not consider my **viewing habits** to be ... near where it should
be(complex query + reg expression matching + **collaborative filtering**)... ...
alt.video.ptv.replaytv - Jun 24 2001, 12:18 am by George MacDonald - 74
messages -- 17 authors

Trade in My Panasonic Showstopper for Tivo??
... How can a TiVo figure out that my roommates **viewing habits** are totally different
than mine? ... Give me true **collaborative filtering** and I might be interested. ...
alt.video.ptv.tivo -- May 21 2002, 5:21 pm by George MacDonald -- 187 messages
- 27 authors

Are you private ? ... definitely you are not ...
... Using a technique called **collaborative filtering**, they can discern ... your lifestyle
from your browsing **habits** and likewise ... the content you are **viewing** and how ...
alt.privacy · May 22 2000, 2:10 pm by Anonymous -- 4 messages - 2 authors

nettime: interview with Hartmut Winkler
... the two-dimensional output merely aims at the users' **viewing-habits**. ... moderated
mailinglist for net criticism, * **collaborative** text **filtering** and cultural ...
alt.nettime -- Jan 19 1997, 1:21 am by Geert Lovink -- 1 message -- 1 author

Big Brother is Watching
... select appropriate ads for your **viewing** according to ... the buying and gambling **habits**
of 6 ... offering what they call "**collaborative filtering**" programs (implying ...
alt.prophecies.nostradamus -- Dec 5 2001, 1:30 pm by
DaarkS...@Nostracrapus.com - 2 messages - 2 authors

Fwd: IP: Internet Pioneers Panel Discusses Challenges for Future ...
... Instead of **viewing** the user as customers or as victims of ... is a moderated mailing
list for net criticism, # **collaborative** text **filtering** and cultural ...

umich.interesting.people - Sep 20 1999, 3:12 pm by Bernard A. Galler - 1
message - 1 author

<nettime> Infobody Subpropaganda
... in the reports on psychokinesis, telepathy and remote **viewing**. ... closed
moderated
mailinglist for net criticism, **# collaborative** text **filtering** and cultural ...
alt.nettime - May 16 1997, 11:46 am by Konrad Becker - 1 message - 1 author

OT Media Jam Issue #4 (long)
... These worn out speaking **habits** are the true ... And we, the **viewing** public,
appear to
have gleefully ... on our personal profiles and **collaborative filtering**), I have ...
alt.sports.basketball.nba.la-lakers - Oct 1 2003, 7:04 am by Dave Zero - 2
messages - 1 author

UCSD Job Bulletin(Oct-23-1996)
... care and discharge, maintain **collaborative** relationships with ... clinical utility of
the **viewing** modules based on ... Experience preparing and **filtering** dilutents
for ...
misc.jobs.offered - Oct 23 1996, 6:23 pm by UCSD_Job_Bulle...@Ucsd.EDU

Google ▶

Result Page: 1 2   Next

collaborative filtering and view | Search Groups

Google Home - Google Labs - Services & Tools - Terms of Service - Privacy Policy - Jobs, Press, & Help

©2005 Google

Google
Groups BETA

Web   Images   **Groups**   News   Froogle   Local^(New!)   **more »**

collaborative filtering and viewing h| [Search Groups]   Advanced Groups Search
Preferences

The "AND" operator is unnecessary -- we include all search terms by default [details]

Google Groups

Create a new group

Recently visited [clear]
comp.infosys...-windows

About Google Groups

Searched all groups   Results **1 - 10** of 12 for collaborative filtering and vi

Sorted by relevance   Sort by date

Database site ready for comments
... the link or data, and people **viewing** the link ... And of course, in my
collaborative
filtering version of ... encourages better research and data compilation **habits**. ...

soc.genealogy.medieval -- Mar 23 2001, 10:40 pm by Don Stone -- 22 messages
- 13 authors

Repaly vs TiVo
... the programs you like, I do not consider my **viewing habits** to be ... near where
it should
be(complex query + reg expression matching + **collaborative filtering**)... ...
alt.video.ptv.replaytv - Jun 24 2001, 12:18 am by George MacDonald - 74
messages -- 17 authors

Trade in My Panasonic Showstopper for Tivo??
... How can a TiVo figure out that my roommates **viewing habits** are totally
different
than mine? ... Give me true **collaborative filtering** and I might be interested. ...
alt.video.ptv.tivo -- May 21 2002, 5:21 pm by George MacDonald - 187 messages
- 27 authors

Are you private ? ... definitely you are not ...
... Using a technique called **collaborative filtering**, they can discern ... your
lifestyle
from your browsing **habits** and likewise ... the content you are **viewing** and
how ...
alt.privacy - May 22 2000, 2:10 pm by Anonymous -- 4 messages -- 2 authors

nettime: interview with Hartmut Winkler
... the two-dimensional output merely aims at the users' **viewing-habits**. ...
moderated
mailinglist for net criticism, * **collaborative** text **filtering** and cultural ...
alt.nettime -- Jan 19 1997, 1:21 am by Geert Lovink - 1 message - 1 author

Big Brother is Watching
... select appropriate ads for your **viewing** according to ... the buying and
gambling **habits**
of 6 ... offering what they call "**collaborative filtering**" programs (implying ...
alt.prophecies.nostradamus -- Dec 5 2001, 1:30 pm by
DaarkS...@Nostracrapus.com - 2 messages - 2 authors

Fwd: IP: Internet Pioneers Panel Discusses Challenges for Future ...
... Instead of **viewing** the user as customers or as victims of ... is a moderated
mailing
list for net criticism, # **collaborative** text **filtering** and cultural ...

umich.interesting.people - Sep 20 1999, 3:12 pm by Bernard A. Galler - 1
message - 1 author

<nettime> Infobody Subpropaganda

... in the reports on psychokinesis, telepathy and remote **viewing**. ... closed
moderated
mailinglist for net criticism, **# collaborative** text **filtering** and cultural ...
alt.nettime - May 16 1997, 11:46 am by Konrad Becker - 1 message - 1 author

OT Media Jam Issue #4 (long)

... These worn out speaking **habits** are the true ... And we, the **viewing** public,
appear to
have gleefully ... on our personal profiles and **collaborative filtering**), I have ...
alt.sports.basketball.nba.la-lakers - Oct 1 2003, 7:04 am by Dave Zero - 2
messages - 1 author

UCSD Job Bulletin(Oct-23-1996)

... care and discharge, maintain **collaborative** relationships with ... clinical utility of
the **viewing** modules based on ... Experience preparing and **filtering** dilutents
for ...
misc.jobs.offered - Oct 23 1996, 6:23 pm by UCSD_Job_Bulle...@Ucsd.EDU

Google ▶
Result Page: 1 2   Next

collaborative filtering and view   Search Groups

Google Home - Google Labs - Services & Tools - Terms of Service - Privacy Policy - Jobs, Press, & Help

©2005 Google

<u>Web</u>   <u>Images</u>   **Groups**   <u>News</u>   <u>Froogle</u>   <u>Local</u>^{New!}   **more »**

viewing habits and probability of se| ▓▓▓ Search Groups ▓▓▓   <u>Advanced Groups Search</u>
                                                                <u>Preferences</u>

"of" is a very common word was not included in your search. [details]
The "AND" operator is unnecessary -- we include all search terms by default. [details]

<u>Google Groups</u>

<u>Create a new group</u>

Recently visited [clear]

<u>comp.infosys....windows</u>

<u>About Google Groups</u>

Searched all groups   Results **1 - 10** of 237 for <u>viewing</u> **habits** and **probabi**

Sorted by relevance   <u>Sort by date</u>

<u>How objective is Objectivism?</u>
... I agree with your conclusion that the **selection** of X ... to know with certainty or even
probability that X ... point, I better consider changing my TV **viewing habits**. ...
<u>humanities.philosophy.objectivism</u> - Feb 23 1998, 9:29 pm by Ken Gardner -
403 messages - 41 authors

<u>The New Evolutionary Human Species</u>
... species of humanity will be "remote **viewing**" on a ... selective laws of **probability**
(but divine **probability**) a spiritual ... Because past **habits** have kept that 12% DNA ...
<u>talk.religion.newage</u> - Oct 24 2002, 5:47 pm by Jeremy Jae - 5 messages - 4 authors

<u>Mathmatical Refutation of Creationism</u>
... There is, also, I think, some **probability** in the view ... Perhaps the correct way of
viewing the whole subject, would ... to me by Mr Blyth, on the **habits**, voice, and ...
<u>talk.origins</u> - Feb 17 2002, 10:55 pm by Cyde Weys - 2 messages - 2 authors

<u>Synthetic Telepathy: Remote **Viewing** & The ESP of Espionage</u>
... carrying psi genes, as in all **probability** they were ... mental software (memes) to run
remote-**viewing** programmes to ... Simple new **habits** and software, that people can ...
<u>alt.alien.visitors</u> - Aug 13 2004, 12:30 am by bolabola - 2 messages - 2 authors

<u>Re-Post of Dr Suter Article</u>
... to overturn the arbitrary **selection** of weapons ... need to reloadÉ The shooter's **probability**
of hitting ... may exercise control over their children's **viewing habits**. ...
<u>talk.politics.guns</u> - Dec 22 1992, 5:01 am by Christopher J. Crobaugh - 1 message - 1 author

<u>Dr. Edgar Suter article</u>
... to overturn the arbitrary **selection** of weapons ... need to reloadÉ The shooter's **probability**
of hitting ... may exercise control over their children's **viewing habits**. ...
<u>talk.politics.guns</u> - Dec 13 1992, 12:11 pm by Christopher J. Crobaugh - 4 messages - 4 authors

<u>Guns in Medical Literature</u>
... to overturn the arbitrary **selection** of weapons ... need to reload The shooter's **probability**

of hitting a ... may exercise control over their children's **viewing habits**. ...
talk.politics.guns - Jan 3 1994, 10:17 am by Greg Booth - 1 message - 1 author

CyberSol
... members of the population, then the **probability** that the ... changes in lifestyle (sleep,
eating **habits**, family, work ... to allow the easy editing and **viewing** of Life ...
comp.ai.alife - Dec 1 1997, 4:05 pm by ZEN/OS Operator - 1 message - 1 author

A bit of conspiracy theory
... he will, with a certain **probability**, respond or ... THE PERSONAL PAPER TRAIL Personal
buying **habits**, ie, Personal ... (19) controls material available for TV **viewing**. ...
soc.men - Jun 8 2004, 9:07 pm by Sir Jessy of Anti - 8 messages - 5 authors

EVOLUTION, ALTRUISM ....J. PHILIPPE RUSHTON (University of ....
... pool causally affects the **probability** of any ... derives from cultural proscriptions on dietary **habits**. ... Familial influences on television **viewing** and aggression: A ...
alt.activism - Feb 7 1998, 9:29 pm by Michael - 1 message - 1 author

Goooooooooogle ▶

Result Page: 1 2 3 4 5 6 7 8 9 10   Next

| viewing habits and probability | Search Groups |